



## IES INDOOR REPORT

PHOTOMETRIC FILENAME : GSL MD 5 UV CL 850.IES

### DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-1995  
[TEST] s17070023a-01 (scaled to 5K)  
[TESTLAB] LEADING TESTING LABORATORIES  
[ISSUE DATE] 2017-07-13 13:33:33  
[MANUFAC] LumenFocus, LLC  
[LUMCAT] GSL MD 5 UV CL 850  
[LUMINAIRE] GSL WITH 112W LED ARRAY, CLEAR GLASS LENS  
[MORE] 120-277V 50/60HZ 112W 5000K  
[LAMPCAT] SAMSUNG 561B LEDs

### CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	17904
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	141
Total Luminaire Watts	127.23
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.30
Spacing Criterion (90-270)	1.32
Spacing Criterion (Diagonal)	1.44
Basic Luminous Shape	Rectangular w/Sides
Luminous Length (0-180)	1.30 ft
Luminous Width (90-270)	1.30 ft
Luminous Height	0.02 ft

### LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	37708	37756	38196
55	37093	37106	37681
65	33400	35141	35847
75	23817	26866	27963
85	3303	5065	8060

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**CANDELA TABULATION**

	<b>0</b>	<b>10</b>	<b>20</b>	<b>30</b>	<b>40</b>	<b>50</b>	<b>60</b>	<b>70</b>	<b>80</b>	<b>90</b>
<b>0.0</b>	5942.148	5942.148	5942.148	5942.148	5942.148	5942.148	5942.148	5942.148	5942.148	5942.148
<b>0.5</b>	5941.835	5941.189	5940.418	5939.835	5939.710	5940.877	5942.502	5943.533	5943.679	5943.554
<b>1.0</b>	5940.512	5940.793	5940.210	5940.189	5940.918	5940.648	5941.314	5943.189	5944.293	5944.606
<b>1.5</b>	5939.814	5939.596	5940.096	5938.991	5939.471	5940.064	5939.929	5942.054	5943.898	5944.314
<b>2.0</b>	5937.137	5937.679	5939.012	5939.033	5938.408	5938.825	5937.908	5940.033	5942.866	5943.814
<b>2.5</b>	5934.606	5935.804	5936.939	5937.564	5936.866	5937.606	5937.273	5938.814	5941.596	5942.648
<b>3.0</b>	5931.866	5934.148	5934.366	5935.596	5935.543	5935.741	5935.596	5937.210	5939.804	5940.648
<b>3.5</b>	5929.189	5931.554	5931.679	5932.741	5933.377	5933.335	5934.148	5935.950	5937.460	5938.387
<b>4.0</b>	5927.106	5929.387	5929.721	5930.221	5930.887	5931.075	5932.043	5933.971	5935.627	5936.377
<b>4.5</b>	5923.002	5926.418	5926.637	5927.137	5927.877	5928.096	5928.793	5930.762	5932.793	5933.335
<b>5.0</b>	5918.116	5921.408	5922.543	5923.950	5924.825	5924.377	5924.741	5927.189	5929.700	5930.002
<b>5.5</b>	5912.825	5916.668	5918.856	5920.179	5921.189	5920.606	5920.700	5923.221	5926.179	5926.491
<b>6.0</b>	5907.960	5911.981	5914.106	5915.752	5916.648	5915.689	5916.293	5918.752	5921.710	5921.741
<b>6.5</b>	5903.127	5906.221	5908.512	5910.543	5911.773	5910.835	5911.877	5914.668	5917.304	5917.002
<b>7.0</b>	5897.575	5900.460	5902.491	5904.762	5906.846	5906.585	5907.210	5910.262	5912.918	5912.793
<b>7.5</b>	5890.783	5893.835	5896.762	5898.877	5901.064	5901.064	5900.918	5904.221	5908.096	5907.887
<b>8.0</b>	5883.710	5887.825	5891.200	5892.304	5894.137	5895.293	5895.106	5898.783	5902.585	5902.543
<b>8.5</b>	5877.252	5880.877	5884.918	5885.273	5887.189	5889.398	5889.200	5893.168	5896.710	5896.596
<b>9.0</b>	5870.137	5873.596	5877.846	5878.189	5880.262	5882.648	5882.304	5886.043	5890.179	5889.991
<b>9.5</b>	5862.533	5865.366	5869.387	5871.304	5873.575	5875.616	5875.679	5878.825	5882.960	5883.439
<b>10.0</b>	5854.564	5856.804	5860.533	5863.481	5865.648	5868.429	5868.231	5870.793	5875.179	5876.523
<b>10.5</b>	5845.731	5848.085	5852.179	5855.648	5858.075	5860.689	5860.335	5862.835	5867.200	5869.064
<b>11.0</b>	5836.804	5839.523	5843.700	5847.043	5849.877	5851.721	5851.585	5855.064	5859.408	5860.418
<b>11.5</b>	5826.991	5830.804	5834.512	5838.023	5840.793	5843.096	5842.814	5846.585	5851.096	5851.523
<b>12.0</b>	5817.877	5821.512	5824.877	5828.773	5832.221	5834.439	5833.887	5838.043	5842.304	5842.866
<b>12.5</b>	5807.064	5810.971	5815.200	5819.189	5821.825	5824.377	5824.043	5827.846	5832.752	5833.346
<b>13.0</b>	5795.960	5800.502	5804.825	5809.012	5811.721	5814.377	5813.700	5818.241	5823.221	5822.918
<b>13.5</b>	5785.179	5789.356	5793.887	5797.991	5800.991	5803.585	5803.637	5808.221	5813.502	5813.168
<b>14.0</b>	5774.564	5777.898	5782.523	5786.856	5790.512	5792.668	5792.804	5797.241	5801.898	5803.002
<b>14.5</b>	5763.168	5765.783	5771.043	5775.429	5778.335	5781.585	5782.179	5786.189	5790.356	5791.898
<b>15.0</b>	5750.783	5753.804	5759.043	5763.429	5766.418	5769.762	5770.731	5774.116	5778.658	5779.971
<b>15.5</b>	5737.721	5741.325	5746.616	5750.502	5753.950	5756.825	5759.023	5762.179	5766.471	5768.346
<b>16.0</b>	5723.835	5728.606	5733.585	5737.908	5741.554	5744.064	5746.481	5749.596	5754.325	5756.064
<b>16.5</b>	5710.304	5715.398	5719.929	5724.981	5729.085	5732.106	5733.856	5736.825	5741.814	5743.231
<b>17.0</b>	5696.314	5701.585	5706.387	5711.491	5715.845	5718.835	5720.679	5723.585	5729.054	5730.148
<b>17.5</b>	5682.023	5687.293	5692.627	5697.168	5701.241	5704.429	5706.710	5709.241	5714.825	5716.408
<b>18.0</b>	5666.762	5673.043	5678.429	5683.043	5687.002	5690.210	5691.908	5695.700	5700.793	5702.648
<b>18.5</b>	5652.095	5658.429	5663.616	5668.377	5672.866	5675.627	5677.616	5681.189	5687.075	5688.148
<b>19.0</b>	5636.856	5643.418	5648.179	5652.575	5657.950	5660.398	5662.814	5666.210	5672.220	5673.418
<b>19.5</b>	5621.356	5627.179	5632.220	5636.606	5642.533	5645.106	5647.950	5650.814	5656.377	5658.262
<b>20.0</b>	5604.804	5610.939	5616.231	5621.023	5625.773	5629.033	5631.345	5635.023	5640.585	5642.283
<b>20.5</b>	5588.366	5594.335	5599.783	5604.866	5609.970	5613.356	5614.929	5618.689	5624.543	5626.283
<b>21.0</b>	5570.293	5577.095	5582.658	5587.950	5593.648	5596.533	5599.179	5602.866	5608.189	5609.814
<b>21.5</b>	5553.189	5559.908	5565.637	5570.491	5575.866	5579.137	5582.012	5585.793	5591.543	5592.741
<b>22.0</b>	5535.398	5542.335	5547.929	5553.189	5557.960	5561.700	5563.700	5567.189	5573.335	5574.679
<b>22.5</b>	5516.418	5523.418	5529.502	5535.898	5540.033	5543.825	5545.502	5549.012	5554.752	5556.741
<b>23.0</b>	5498.064	5504.325	5511.356	5518.450	5521.127	5525.658	5527.887	5531.512	5536.981	5539.189
<b>23.5</b>	5480.252	5485.970	5492.460	5498.481	5502.418	5506.606	5508.970	5512.648	5518.439	5520.710
<b>24.0</b>	5460.783	5466.741	5472.460	5478.710	5483.273	5486.856	5488.939	5492.637	5499.793	5501.293
<b>24.5</b>	5440.043	5446.491	5452.158	5458.793	5463.064	5467.939	5469.273	5473.658	5479.845	5481.450
<b>25.0</b>	5419.283	5425.772	5431.981	5438.450	5443.022	5447.158	5449.481	5453.856	5460.127	5461.189
<b>25.5</b>	5398.283	5405.127	5410.970	5417.397	5422.470	5426.314	5429.158	5432.877	5440.314	5441.168
<b>26.0</b>	5376.439	5383.491	5389.429	5396.043	5401.408	5404.918	5407.377	5412.075	5419.595	5420.575
<b>26.5</b>	5355.491	5361.752	5368.147	5374.981	5380.470	5384.304	5385.897	5390.970	5398.585	5399.137

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27.0	5333.429	5339.918	5346.772	5353.606	5358.814	5362.418	5364.491	5368.793	5376.575	5377.627
27.5	5310.387	5316.595	5324.377	5331.252	5336.564	5340.335	5342.064	5346.543	5353.741	5355.700
28.0	5286.939	5293.502	5300.845	5308.720	5313.522	5316.741	5319.158	5324.210	5331.012	5332.658
28.5	5263.043	5269.804	5277.575	5285.439	5290.606	5293.554	5296.325	5301.387	5307.960	5309.720
29.0	5239.106	5246.689	5254.575	5261.825	5267.502	5270.991	5273.106	5277.991	5284.960	5286.200
29.5	5214.387	5222.137	5230.429	5237.158	5242.710	5247.189	5249.064	5254.439	5261.481	5262.262
30.0	5190.158	5197.700	5205.606	5213.179	5218.502	5222.408	5225.085	5230.533	5236.554	5238.366
30.5	5165.866	5173.991	5180.574	5188.283	5193.793	5197.397	5200.533	5205.606	5212.075	5213.752
31.0	5140.314	5148.022	5155.147	5162.356	5168.439	5172.210	5174.470	5180.293	5187.502	5188.147
31.5	5112.877	5122.137	5129.137	5136.689	5143.064	5147.314	5149.168	5154.533	5161.824	5162.814
32.0	5086.772	5095.720	5102.179	5110.595	5116.366	5121.220	5123.491	5128.449	5135.637	5137.304
32.5	5060.720	5068.574	5075.095	5083.824	5090.293	5095.095	5096.752	5102.252	5109.397	5111.533
33.0	5033.377	5041.554	5048.179	5057.064	5062.970	5067.887	5069.179	5075.533	5083.012	5084.012
33.5	5005.981	5014.533	5021.064	5029.679	5035.783	5040.731	5042.074	5047.772	5055.585	5056.564
34.0	4978.595	4987.127	4993.377	5001.741	5007.699	5013.220	5014.856	5020.658	5027.866	5029.324
34.5	4949.637	4958.210	4965.283	4973.158	4979.658	4984.585	4986.377	4992.627	4998.981	5001.231
35.0	4920.168	4929.699	4936.887	4944.574	4950.147	4956.022	4957.439	4963.439	4970.199	4972.574
35.5	4891.762	4900.241	4907.470	4915.345	4920.606	4926.293	4927.627	4934.418	4940.627	4943.408
36.0	4862.439	4870.845	4877.689	4886.001	4891.116	4897.033	4899.231	4905.064	4911.304	4914.116
36.5	4832.283	4841.064	4847.481	4855.533	4861.251	4867.001	4869.095	4875.366	4882.533	4884.824
37.0	4802.397	4810.054	4817.397	4824.856	4830.335	4836.137	4838.543	4844.908	4851.647	4854.439
37.5	4771.762	4779.585	4786.533	4794.158	4799.949	4805.616	4806.741	4814.043	4820.449	4823.210
38.0	4740.574	4748.022	4754.356	4763.376	4768.720	4773.574	4776.116	4782.783	4789.564	4791.491
38.5	4708.418	4715.897	4722.772	4731.824	4737.304	4741.439	4744.679	4751.085	4758.397	4760.126
39.0	4675.335	4684.418	4690.814	4698.804	4703.991	4709.481	4712.335	4718.710	4726.658	4728.418
39.5	4643.189	4651.137	4658.418	4665.866	4672.408	4676.908	4679.741	4686.241	4693.887	4696.637
40.0	4609.533	4617.970	4625.345	4633.303	4640.460	4644.564	4648.231	4653.376	4661.460	4663.345
40.5	4576.418	4584.241	4591.522	4600.126	4606.439	4610.585	4614.949	4620.574	4628.064	4629.314
41.0	4542.387	4549.939	4557.741	4565.428	4571.314	4576.001	4579.668	4586.324	4594.053	4595.220
41.5	4507.251	4515.210	4523.397	4531.116	4537.251	4542.897	4545.053	4551.283	4559.751	4561.856
42.0	4473.356	4481.314	4488.626	4497.074	4503.106	4508.668	4511.522	4517.262	4525.001	4527.491
42.5	4437.564	4445.783	4453.199	4461.720	4467.012	4472.501	4477.064	4482.491	4490.522	4491.970
43.0	4401.012	4410.064	4417.741	4425.793	4431.095	4436.887	4440.960	4446.783	4455.043	4456.189
43.5	4365.126	4374.376	4381.949	4389.251	4395.522	4400.637	4403.449	4410.481	4418.262	4420.314
44.0	4328.730	4337.616	4345.262	4353.137	4359.095	4364.720	4367.449	4373.585	4381.689	4383.981
44.5	4292.168	4299.949	4308.293	4316.178	4321.543	4327.605	4331.230	4337.230	4344.980	4347.272
45.0	4254.762	4262.553	4270.939	4278.814	4283.980	4289.730	4293.814	4300.116	4307.730	4309.814
45.5	4216.720	4225.626	4233.699	4241.793	4247.366	4252.501	4255.001	4262.074	4270.095	4272.626
46.0	4179.699	4186.793	4195.283	4203.085	4208.168	4214.022	4217.105	4222.720	4231.928	4233.751
46.5	4140.220	4147.637	4155.991	4163.741	4169.178	4175.626	4178.668	4184.678	4193.053	4195.126
47.0	4102.824	4110.033	4117.585	4125.230	4130.564	4136.314	4139.637	4146.658	4153.897	4156.720
47.5	4062.147	4070.376	4077.699	4085.626	4091.647	4096.355	4100.283	4107.168	4114.762	4117.814
48.0	4021.793	4030.043	4036.845	4045.272	4051.272	4056.980	4060.012	4066.657	4074.022	4076.960
48.5	3980.960	3989.324	3996.782	4004.751	4010.897	4016.532	4019.501	4025.720	4033.314	4036.407
49.0	3940.262	3948.137	3956.418	3964.032	3969.626	3976.564	3979.991	3985.689	3993.220	3996.522
49.5	3897.449	3907.126	3914.897	3923.470	3929.095	3934.710	3938.918	3945.262	3952.605	3956.282
50.0	3856.710	3865.387	3872.907	3881.793	3887.595	3892.772	3895.678	3903.241	3910.314	3913.230
50.5	3814.366	3823.522	3831.366	3838.991	3845.272	3850.532	3852.637	3860.032	3867.126	3870.355
51.0	3772.616	3780.897	3788.543	3795.803	3802.178	3807.355	3810.397	3816.355	3824.230	3828.355
51.5	3727.626	3736.980	3745.251	3752.959	3758.699	3763.199	3768.074	3774.449	3781.157	3785.803
52.0	3685.407	3693.657	3701.553	3709.762	3715.272	3721.366	3723.991	3731.262	3738.084	3742.178
52.5	3641.157	3650.053	3657.866	3665.991	3671.855	3677.887	3680.501	3686.564	3694.668	3697.845
53.0	3598.355	3606.501	3613.980	3620.918	3627.782	3633.157	3636.657	3641.793	3650.428	3653.845
53.5	3553.272	3562.105	3568.918	3575.678	3581.668	3587.793	3592.272	3598.605	3606.022	3608.876
54.0	3508.032	3516.532	3524.001	3530.668	3536.761	3543.376	3546.241	3552.397	3559.949	3562.668
54.5	3462.730	3470.157	3478.189	3484.980	3490.449	3497.064	3500.011	3505.824	3513.074	3516.407

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**CANDELA TABULATION - (Cont.)**

55.0	3416.991	3424.376	3431.553	3438.303	3445.293	3452.053	3455.782	3460.022	3468.095	3471.147
55.5	3371.272	3378.814	3385.532	3393.293	3399.886	3406.064	3409.959	3414.991	3422.199	3425.001
56.0	3324.064	3331.647	3338.793	3346.105	3352.616	3359.178	3361.366	3367.126	3374.459	3377.991
56.5	3276.699	3283.897	3291.720	3298.439	3303.970	3310.855	3313.116	3318.939	3326.324	3330.116
57.0	3228.907	3235.991	3243.782	3250.230	3256.938	3263.501	3266.272	3271.011	3278.418	3281.959
57.5	3181.001	3187.938	3195.074	3203.251	3209.543	3215.220	3218.991	3224.022	3230.782	3233.438
58.0	3132.209	3139.397	3146.418	3153.845	3159.949	3165.980	3169.074	3174.574	3181.751	3184.636
58.5	3082.980	3090.918	3097.543	3104.366	3110.761	3117.449	3119.501	3124.907	3132.366	3135.345
59.0	3033.699	3041.272	3047.980	3055.293	3063.407	3068.157	3071.001	3076.407	3082.345	3086.063
59.5	2984.428	2992.334	2998.365	3006.063	3012.418	3018.522	3022.324	3027.563	3032.813	3036.574
60.0	2935.011	2942.115	2949.063	2956.865	2962.334	2967.501	2971.376	2977.699	2983.938	2986.397
60.5	2884.699	2892.001	2898.657	2905.251	2911.095	2917.303	2920.720	2926.178	2932.709	2934.720
61.0	2833.115	2840.928	2847.490	2853.803	2861.376	2865.907	2869.095	2873.574	2879.886	2882.574
61.5	2781.740	2789.449	2795.709	2802.813	2808.605	2814.438	2817.803	2822.970	2828.449	2831.761
62.0	2731.084	2737.063	2744.303	2751.324	2756.865	2763.595	2766.209	2772.011	2777.751	2780.678
62.5	2679.803	2685.532	2693.240	2699.782	2705.105	2711.428	2715.251	2719.688	2724.990	2728.095
63.0	2626.449	2633.501	2640.792	2647.292	2654.199	2659.188	2661.772	2666.647	2672.178	2674.584
63.5	2573.959	2581.470	2587.647	2594.813	2599.647	2606.011	2608.699	2612.720	2617.845	2620.657
64.0	2513.084	2527.001	2534.178	2541.647	2545.657	2552.220	2554.730	2559.542	2565.813	2567.397
64.5	2416.449	2454.053	2480.897	2487.824	2492.105	2498.355	2502.313	2507.240	2512.251	2514.345
65.0	2291.480	2347.292	2427.022	2434.740	2440.303	2445.386	2447.553	2452.938	2457.667	2459.324
65.5	2209.501	2235.480	2356.501	2380.834	2385.355	2391.042	2393.469	2397.678	2402.782	2404.782
66.0	2150.438	2163.219	2251.032	2326.324	2331.542	2335.792	2338.709	2342.990	2348.334	2350.188
66.5	2098.667	2105.626	2142.980	2271.522	2276.011	2281.011	2282.855	2287.855	2292.324	2295.480
67.0	2046.969	2052.001	2067.407	2213.365	2221.449	2224.813	2227.230	2232.115	2236.563	2239.636
67.5	1996.678	2001.730	2010.490	2131.626	2165.240	2169.626	2172.334	2176.324	2180.230	2183.001
68.0	1944.615	1950.230	1957.813	2018.209	2111.532	2114.594	2117.313	2121.292	2125.146	2127.324
68.5	1892.230	1899.073	1905.386	1925.699	2056.719	2059.396	2062.115	2065.105	2070.021	2072.136
69.0	1838.761	1846.459	1852.865	1863.188	1999.990	2003.886	2004.865	2009.074	2014.032	2016.594
69.5	1756.407	1782.521	1800.001	1810.219	1938.657	1945.959	1948.188	1951.501	1954.584	1944.449
70.0	1667.042	1694.084	1747.771	1757.115	1860.792	1889.865	1891.459	1895.073	1874.573	1840.126
70.5	1592.500	1612.105	1677.251	1702.803	1752.938	1833.730	1835.105	1837.303	1766.532	1737.459
71.0	1529.875	1541.313	1589.000	1648.886	1665.615	1775.855	1777.959	1756.532	1674.605	1668.646
71.5	1467.928	1481.605	1511.646	1595.990	1603.105	1720.198	1719.594	1647.855	1612.605	1614.469
72.0	1414.646	1422.459	1447.021	1526.230	1550.011	1662.365	1662.459	1560.063	1558.334	1560.250
72.5	1360.615	1368.105	1385.105	1441.063	1497.105	1604.386	1590.803	1502.584	1503.969	1506.855
73.0	1281.250	1301.480	1328.521	1364.646	1443.823	1538.563	1486.271	1448.303	1450.469	1452.938
73.5	1207.813	1227.042	1271.542	1301.511	1388.636	1450.990	1396.094	1393.990	1396.896	1397.709
74.0	1140.646	1158.417	1199.011	1241.209	1325.198	1351.021	1339.980	1339.480	1341.615	1343.417
74.5	1078.313	1090.854	1125.552	1186.886	1244.959	1281.417	1287.105	1285.927	1288.511	1288.313
75.0	1024.344	1034.292	1060.719	1122.605	1168.448	1194.532	1233.386	1233.938	1223.334	1202.688
75.5	957.917	975.146	1002.334	1050.500	1105.052	1107.500	1179.084	1179.407	1129.032	1106.865
76.0	892.386	907.177	943.948	981.771	1047.157	1054.167	1125.855	1099.823	1047.688	1048.823
76.5	829.834	844.709	876.854	922.229	994.677	1002.032	1073.094	1002.261	997.667	999.250
77.0	770.115	780.896	812.677	866.177	924.011	930.948	1003.115	948.625	948.344	950.375
77.5	712.021	723.448	757.240	801.761	840.115	861.427	886.490	901.136	901.688	903.334
78.0	653.959	665.469	701.625	747.542	750.604	803.709	801.052	852.636	844.104	831.427
78.5	595.875	607.386	641.625	690.417	691.198	753.781	751.979	799.719	769.740	747.709
79.0	537.740	549.167	581.729	628.552	635.948	690.740	692.865	739.271	704.615	694.948
79.5	479.667	492.011	521.406	567.073	580.271	627.844	633.584	679.167	648.021	640.375
80.0	428.781	438.896	464.761	505.646	524.573	564.948	574.344	619.084	590.740	585.719
80.5	378.375	389.031	413.688	443.417	469.375	502.167	514.354	559.000	532.448	530.136
81.0	328.771	340.927	363.917	378.479	397.240	438.427	460.802	498.458	483.198	483.823
81.5	287.458	290.906	315.281	327.448	343.750	368.073	416.177	442.406	435.313	432.406
82.0	247.594	253.813	271.135	281.906	303.219	325.011	345.063	383.688	379.208	375.594
82.5	212.469	220.656	234.229	240.031	260.802	284.198	302.323	322.146	336.136	331.750

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**CANDELA TABULATION - (Cont.)**

83.0	175.198	184.844	199.281	199.490	206.906	224.469	255.208	285.563	290.667	282.646
83.5	136.865	144.958	162.438	165.823	171.219	193.448	213.594	236.458	245.906	245.344
84.0	99.333	106.521	123.375	134.500	136.146	149.302	170.104	197.156	199.552	197.208
84.5	65.333	75.479	83.927	98.677	110.188	119.000	140.198	155.417	163.938	159.156
85.0	53.198	63.188	60.917	68.271	80.198	93.042	104.167	119.354	131.292	129.802
85.5	41.438	50.802	51.615	52.865	64.875	68.594	76.917	90.906	102.990	101.396
86.0	29.625	38.344	40.958	42.000	52.302	54.115	62.885	68.948	77.490	73.438
86.5	17.823	25.583	30.292	30.458	39.583	39.948	48.479	52.885	61.854	56.344
87.0	14.906	14.896	19.281	18.469	26.844	25.656	34.052	36.708	45.823	38.729
87.5	9.740	9.990	10.938	12.354	13.885	12.000	19.219	19.823	29.740	20.229
88.0	7.865	4.833	7.427	7.333	7.833	7.271	7.177	7.948	12.948	8.396
88.5	6.031	3.802	5.552	4.625	5.823	5.531	5.656	6.979	1.625	7.010
89.0	4.188	2.635	3.573	3.469	4.146	3.833	3.833	5.219	0.615	5.260
89.5	2.354	1.417	1.479	2.198	2.438	2.115	1.927	3.458	0.573	3.458
90.0	0.510	0.469	0.385	0.844	0.677	0.510	0.427	1.604	0.469	1.563
90.5	0.448	0.438	0.448	0.427	0.448	0.479	0.479	0.375	0.490	0.427
91.0	0.469	0.469	0.469	0.479	0.490	0.500	0.500	0.500	0.510	0.500
91.5	0.490	0.490	0.490	0.510	0.510	0.521	0.521	0.521	0.531	0.521
92.0	0.510	0.510	0.521	0.531	0.542	0.542	0.542	0.552	0.552	0.552
92.5	0.531	0.531	0.542	0.552	0.563	0.563	0.563	0.573	0.573	0.573
93.0	0.552	0.552	0.563	0.573	0.583	0.594	0.594	0.594	0.594	0.594
93.5	0.573	0.573	0.583	0.604	0.604	0.615	0.615	0.625	0.625	0.615
94.0	0.604	0.604	0.604	0.625	0.635	0.635	0.635	0.646	0.646	0.646
94.5	0.625	0.625	0.625	0.646	0.656	0.667	0.667	0.667	0.667	0.667
95.0	0.646	0.646	0.656	0.667	0.677	0.688	0.688	0.688	0.698	0.688
95.5	0.667	0.667	0.677	0.698	0.698	0.708	0.708	0.719	0.719	0.719
96.0	0.688	0.688	0.698	0.729	0.719	0.729	0.740	0.740	0.740	0.740
96.5	0.708	0.719	0.719	0.750	0.740	0.750	0.760	0.760	0.760	0.760
97.0	0.729	0.740	0.750	0.771	0.771	0.771	0.781	0.781	0.781	0.781
97.5	0.750	0.760	0.760	0.792	0.802	0.792	0.802	0.802	0.802	0.802
98.0	0.771	0.781	0.781	0.802	0.823	0.823	0.823	0.823	0.823	0.823
98.5	0.792	0.802	0.802	0.823	0.844	0.854	0.844	0.844	0.844	0.844
99.0	0.813	0.823	0.823	0.844	0.865	0.875	0.865	0.865	0.865	0.865
99.5	0.833	0.833	0.844	0.854	0.885	0.906	0.896	0.885	0.885	0.885
100.0	0.854	0.854	0.854	0.875	0.896	0.927	0.917	0.917	0.906	0.906
100.5	0.875	0.875	0.875	0.896	0.917	0.938	0.948	0.938	0.927	0.927
101.0	0.896	0.896	0.896	0.906	0.938	0.958	0.969	0.969	0.958	0.948
101.5	0.917	0.917	0.917	0.927	0.958	0.979	0.979	0.990	0.979	0.979
102.0	0.938	0.938	0.938	0.948	0.969	0.990	1.000	1.010	1.000	1.000
102.5	0.958	0.958	0.958	0.969	0.990	1.010	1.021	1.031	1.021	1.021
103.0	0.979	0.979	0.979	0.990	1.010	1.031	1.042	1.052	1.042	1.042
103.5	1.000	1.000	1.000	1.000	1.021	1.042	1.063	1.073	1.063	1.063
104.0	1.021	1.021	1.031	1.021	1.042	1.063	1.094	1.094	1.083	1.094
104.5	1.052	1.042	1.052	1.042	1.063	1.083	1.115	1.115	1.104	1.115
105.0	1.073	1.073	1.073	1.063	1.083	1.104	1.135	1.135	1.125	1.135
105.5	1.094	1.094	1.104	1.083	1.104	1.135	1.156	1.156	1.146	1.167
106.0	1.115	1.115	1.125	1.115	1.135	1.156	1.188	1.188	1.177	1.188
106.5	1.135	1.146	1.146	1.135	1.156	1.177	1.208	1.208	1.198	1.208
107.0	1.156	1.167	1.177	1.156	1.177	1.208	1.229	1.229	1.219	1.240
107.5	1.177	1.188	1.198	1.188	1.198	1.229	1.250	1.250	1.240	1.260
108.0	1.198	1.219	1.219	1.208	1.219	1.250	1.271	1.271	1.260	1.292
108.5	1.219	1.240	1.250	1.229	1.240	1.271	1.302	1.302	1.292	1.313
109.0	1.240	1.271	1.271	1.260	1.260	1.292	1.323	1.323	1.313	1.333
109.5	1.271	1.292	1.292	1.281	1.281	1.313	1.344	1.354	1.333	1.354
110.0	1.292	1.323	1.313	1.302	1.302	1.333	1.365	1.375	1.354	1.375
110.5	1.313	1.344	1.333	1.323	1.323	1.354	1.385	1.406	1.385	1.396

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**CANDELA TABULATION - (Cont.)**

111.0	1.344	1.365	1.354	1.344	1.344	1.385	1.417	1.427	1.406	1.427
111.5	1.375	1.385	1.385	1.365	1.375	1.406	1.438	1.458	1.427	1.448
112.0	1.396	1.396	1.406	1.396	1.396	1.427	1.458	1.479	1.458	1.469
112.5	1.417	1.406	1.427	1.417	1.417	1.458	1.479	1.510	1.479	1.490
113.0	1.448	1.427	1.448	1.438	1.438	1.490	1.500	1.542	1.510	1.510
113.5	1.469	1.458	1.469	1.458	1.469	1.510	1.510	1.563	1.531	1.531
114.0	1.510	1.490	1.490	1.479	1.479	1.531	1.521	1.583	1.542	1.552
114.5	1.542	1.521	1.510	1.500	1.500	1.552	1.542	1.594	1.563	1.573
115.0	1.573	1.552	1.531	1.510	1.510	1.563	1.542	1.604	1.573	1.583
115.5	1.604	1.583	1.552	1.531	1.531	1.583	1.563	1.615	1.594	1.604
116.0	1.625	1.615	1.583	1.552	1.552	1.604	1.573	1.625	1.604	1.615
116.5	1.656	1.646	1.604	1.573	1.583	1.625	1.604	1.635	1.625	1.635
117.0	1.688	1.677	1.635	1.594	1.604	1.656	1.625	1.646	1.646	1.656
117.5	1.719	1.708	1.667	1.615	1.625	1.677	1.656	1.667	1.667	1.677
118.0	1.750	1.740	1.698	1.646	1.646	1.698	1.677	1.677	1.688	1.698
118.5	1.781	1.771	1.719	1.667	1.677	1.719	1.708	1.688	1.708	1.719
119.0	1.813	1.802	1.750	1.688	1.698	1.750	1.740	1.698	1.740	1.740
119.5	1.844	1.833	1.781	1.719	1.719	1.781	1.771	1.719	1.750	1.760
120.0	1.875	1.865	1.813	1.740	1.750	1.802	1.792	1.729	1.771	1.781
120.5	1.896	1.896	1.844	1.771	1.781	1.833	1.833	1.750	1.802	1.802
121.0	1.938	1.927	1.865	1.792	1.813	1.865	1.865	1.771	1.833	1.833
121.5	1.969	1.958	1.896	1.823	1.844	1.896	1.896	1.802	1.865	1.865
122.0	2.000	1.979	1.927	1.854	1.865	1.927	1.927	1.833	1.896	1.906
122.5	2.031	2.010	1.958	1.896	1.896	1.958	1.958	1.865	1.927	1.938
123.0	2.063	2.042	1.990	1.927	1.927	1.979	1.990	1.896	1.958	1.969
123.5	2.094	2.073	2.010	1.969	1.948	2.010	2.021	1.938	1.990	2.000
124.0	2.125	2.104	2.042	1.990	1.969	2.042	2.042	1.979	2.021	2.021
124.5	2.146	2.146	2.063	2.021	1.990	2.073	2.073	2.010	2.052	2.042
125.0	2.188	2.177	2.083	2.042	2.010	2.104	2.104	2.042	2.083	2.073
125.5	2.229	2.219	2.115	2.063	2.031	2.135	2.135	2.083	2.115	2.104
126.0	2.271	2.250	2.146	2.083	2.052	2.156	2.167	2.125	2.135	2.135
126.5	2.292	2.271	2.177	2.115	2.073	2.177	2.198	2.156	2.146	2.167
127.0	2.313	2.281	2.208	2.146	2.104	2.208	2.229	2.188	2.156	2.188
127.5	2.323	2.302	2.240	2.188	2.135	2.229	2.260	2.219	2.177	2.219
128.0	2.344	2.323	2.281	2.240	2.167	2.240	2.292	2.250	2.198	2.229
128.5	2.365	2.354	2.323	2.281	2.198	2.260	2.333	2.292	2.229	2.240
129.0	2.396	2.396	2.365	2.323	2.229	2.281	2.365	2.333	2.250	2.260
129.5	2.438	2.438	2.406	2.375	2.271	2.313	2.396	2.375	2.271	2.302
130.0	2.479	2.479	2.448	2.417	2.302	2.333	2.427	2.417	2.302	2.344
130.5	2.521	2.521	2.490	2.448	2.323	2.354	2.458	2.448	2.323	2.375
131.0	2.573	2.573	2.531	2.490	2.365	2.375	2.479	2.490	2.344	2.406
131.5	2.615	2.615	2.573	2.531	2.396	2.406	2.500	2.521	2.375	2.438
132.0	2.656	2.656	2.615	2.563	2.438	2.438	2.510	2.542	2.406	2.458
132.5	2.698	2.698	2.646	2.594	2.469	2.469	2.521	2.552	2.438	2.490
133.0	2.740	2.740	2.688	2.625	2.510	2.490	2.542	2.573	2.469	2.531
133.5	2.781	2.781	2.719	2.646	2.542	2.521	2.563	2.583	2.490	2.563
134.0	2.813	2.813	2.750	2.667	2.573	2.542	2.573	2.604	2.500	2.583
134.5	2.854	2.844	2.771	2.677	2.604	2.563	2.594	2.615	2.521	2.604
135.0	2.885	2.875	2.802	2.698	2.635	2.583	2.604	2.625	2.531	2.615
135.5	2.906	2.896	2.833	2.729	2.667	2.615	2.635	2.646	2.552	2.625
136.0	2.927	2.927	2.854	2.760	2.708	2.656	2.656	2.656	2.583	2.625
136.5	2.958	2.948	2.875	2.802	2.740	2.688	2.688	2.677	2.604	2.635
137.0	2.979	2.979	2.906	2.833	2.781	2.729	2.729	2.708	2.625	2.667
137.5	3.021	3.000	2.927	2.875	2.813	2.771	2.771	2.729	2.656	2.698
138.0	3.052	3.021	2.958	2.906	2.844	2.813	2.802	2.760	2.698	2.719
138.5	3.083	3.052	2.990	2.938	2.865	2.844	2.844	2.781	2.750	2.750

**IES INDOOR REPORT**  
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**CANDELA TABULATION - (Cont.)**

139.0	3.115	3.073	3.010	2.969	2.885	2.885	2.885	2.813	2.792	2.781
139.5	3.146	3.104	3.042	3.000	2.896	2.927	2.917	2.854	2.823	2.823
140.0	3.167	3.125	3.052	3.021	2.917	2.958	2.958	2.885	2.865	2.865
140.5	3.198	3.156	3.073	3.052	2.927	2.990	2.990	2.927	2.906	2.896
141.0	3.229	3.188	3.104	3.073	2.938	3.010	3.021	2.958	2.958	2.927
141.5	3.260	3.208	3.125	3.104	2.948	3.021	3.052	2.990	3.010	2.958
142.0	3.281	3.219	3.156	3.125	2.969	3.031	3.083	3.010	3.063	2.990
142.5	3.302	3.240	3.198	3.146	2.990	3.031	3.104	3.042	3.094	3.021
143.0	3.323	3.260	3.229	3.156	3.010	3.031	3.125	3.052	3.125	3.052
143.5	3.333	3.271	3.250	3.167	3.021	3.031	3.135	3.073	3.146	3.083
144.0	3.344	3.281	3.271	3.167	3.021	3.031	3.135	3.083	3.167	3.104
144.5	3.354	3.292	3.292	3.167	3.031	3.031	3.135	3.104	3.177	3.135
145.0	3.365	3.292	3.302	3.167	3.042	3.021	3.125	3.125	3.188	3.146
145.5	3.385	3.292	3.313	3.167	3.052	3.010	3.115	3.135	3.198	3.156
146.0	3.396	3.292	3.313	3.177	3.063	3.010	3.104	3.135	3.198	3.167
146.5	3.417	3.302	3.323	3.177	3.073	3.010	3.094	3.146	3.188	3.167
147.0	3.427	3.302	3.323	3.188	3.083	3.010	3.083	3.156	3.177	3.156
147.5	3.438	3.302	3.313	3.188	3.094	3.021	3.073	3.156	3.167	3.146
148.0	3.438	3.302	3.313	3.188	3.094	3.031	3.063	3.156	3.156	3.125
148.5	3.448	3.292	3.313	3.198	3.094	3.031	3.052	3.156	3.146	3.115
149.0	3.458	3.292	3.302	3.198	3.094	3.031	3.052	3.156	3.135	3.115
149.5	3.458	3.292	3.302	3.208	3.104	3.042	3.052	3.135	3.125	3.104
150.0	3.469	3.292	3.302	3.219	3.115	3.042	3.031	3.125	3.115	3.094
150.5	3.469	3.292	3.302	3.229	3.125	3.052	3.021	3.115	3.104	3.073
151.0	3.479	3.292	3.292	3.240	3.135	3.052	3.021	3.115	3.094	3.052
151.5	3.479	3.281	3.292	3.260	3.146	3.052	3.010	3.104	3.083	3.042
152.0	3.479	3.281	3.292	3.271	3.156	3.063	3.021	3.104	3.073	3.031
152.5	3.479	3.281	3.302	3.292	3.177	3.073	3.031	3.104	3.073	3.031
153.0	3.479	3.302	3.313	3.313	3.188	3.083	3.042	3.104	3.073	3.031
153.5	3.490	3.313	3.323	3.333	3.198	3.094	3.063	3.104	3.083	3.031
154.0	3.510	3.323	3.344	3.365	3.219	3.104	3.073	3.104	3.094	3.042
154.5	3.521	3.344	3.365	3.396	3.250	3.125	3.083	3.104	3.104	3.042
155.0	3.542	3.354	3.375	3.417	3.271	3.135	3.094	3.104	3.115	3.031
155.5	3.563	3.375	3.396	3.438	3.302	3.156	3.094	3.104	3.125	3.031
156.0	3.583	3.385	3.406	3.469	3.333	3.177	3.094	3.115	3.146	3.021
156.5	3.604	3.406	3.427	3.490	3.365	3.198	3.104	3.125	3.167	3.021
157.0	3.635	3.427	3.448	3.510	3.406	3.219	3.104	3.135	3.188	3.021
157.5	3.667	3.448	3.469	3.521	3.438	3.240	3.115	3.146	3.198	3.021
158.0	3.698	3.479	3.490	3.542	3.469	3.271	3.125	3.156	3.208	3.021
158.5	3.729	3.500	3.510	3.542	3.490	3.292	3.125	3.167	3.208	3.031
159.0	3.771	3.521	3.531	3.552	3.510	3.313	3.135	3.167	3.208	3.031
159.5	3.802	3.531	3.542	3.552	3.531	3.333	3.135	3.167	3.198	3.042
160.0	3.833	3.552	3.563	3.563	3.542	3.354	3.146	3.167	3.208	3.042
160.5	3.854	3.552	3.573	3.573	3.563	3.375	3.167	3.167	3.208	3.052
161.0	3.865	3.552	3.573	3.583	3.573	3.396	3.188	3.177	3.208	3.073
161.5	3.865	3.563	3.583	3.604	3.604	3.427	3.219	3.198	3.229	3.104
162.0	3.885	3.583	3.615	3.635	3.635	3.458	3.250	3.229	3.260	3.146
162.5	3.917	3.615	3.646	3.667	3.667	3.479	3.292	3.260	3.281	3.177
163.0	3.938	3.635	3.667	3.688	3.698	3.510	3.333	3.302	3.302	3.208
163.5	3.958	3.656	3.688	3.708	3.719	3.542	3.365	3.344	3.323	3.260
164.0	3.979	3.667	3.719	3.740	3.760	3.583	3.417	3.406	3.365	3.323
164.5	4.010	3.698	3.760	3.781	3.802	3.625	3.469	3.448	3.417	3.385
165.0	4.042	3.740	3.802	3.823	3.844	3.656	3.521	3.490	3.469	3.448
165.5	4.083	3.781	3.833	3.865	3.865	3.688	3.563	3.510	3.521	3.490
166.0	4.125	3.813	3.854	3.885	3.875	3.708	3.604	3.542	3.583	3.510
166.5	4.156	3.823	3.875	3.906	3.896	3.740	3.635	3.563	3.646	3.552

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**CANDELA TABULATION - (Cont.)**

167.0	4.198	3.854	3.906	3.948	3.927	3.771	3.667	3.583	3.688	3.604
167.5	4.229	3.885	3.938	3.990	3.958	3.792	3.688	3.604	3.729	3.656
168.0	4.271	3.927	3.969	4.021	3.990	3.823	3.708	3.615	3.750	3.698
168.5	4.313	3.948	3.979	4.031	4.010	3.844	3.708	3.625	3.771	3.729
169.0	4.344	3.958	3.990	4.042	4.021	3.865	3.719	3.625	3.792	3.750
169.5	4.365	3.969	3.990	4.042	4.031	3.885	3.719	3.646	3.802	3.750
170.0	4.385	3.979	3.990	4.031	4.042	3.896	3.729	3.667	3.813	3.750
170.5	4.406	3.979	3.979	4.031	4.042	3.906	3.760	3.708	3.833	3.750
171.0	4.427	4.000	4.000	4.042	4.063	3.938	3.813	3.750	3.875	3.760
171.5	4.458	4.031	4.021	4.063	4.094	3.990	3.865	3.802	3.917	3.781
172.0	4.500	4.063	4.063	4.094	4.135	4.031	3.917	3.865	3.958	3.792
172.5	4.531	4.104	4.104	4.135	4.188	4.104	4.000	3.958	4.021	3.823
173.0	4.573	4.167	4.177	4.219	4.271	4.219	4.104	4.073	4.083	3.875
173.5	4.615	4.271	4.281	4.323	4.375	4.323	4.208	4.177	4.156	3.958
174.0	4.667	4.375	4.385	4.417	4.458	4.417	4.292	4.260	4.219	4.010
174.5	4.698	4.469	4.469	4.479	4.510	4.469	4.333	4.292	4.260	4.052
175.0	4.708	4.521	4.521	4.521	4.542	4.500	4.365	4.333	4.302	4.104
175.5	4.719	4.542	4.552	4.552	4.573	4.542	4.406	4.375	4.354	4.188
176.0	4.719	4.573	4.583	4.573	4.594	4.583	4.438	4.406	4.396	4.240
176.5	4.708	4.615	4.594	4.604	4.604	4.615	4.479	4.427	4.417	4.250
177.0	4.688	4.656	4.583	4.604	4.604	4.615	4.510	4.427	4.417	4.250
177.5	4.635	4.698	4.552	4.573	4.583	4.594	4.542	4.438	4.417	4.271
178.0	4.542	4.719	4.542	4.531	4.542	4.573	4.563	4.458	4.406	4.302
178.5	4.302	4.615	4.708	4.500	4.521	4.563	4.594	4.542	4.427	4.354
179.0	4.344	4.167	4.469	4.688	4.646	4.521	4.542	4.615	4.521	4.417
179.5	3.969	3.760	3.802	3.979	4.115	4.115	3.906	3.865	4.417	4.760
180.0	4.750	4.750	4.750	4.750	4.750	4.750	4.750	4.750	4.750	4.750

**Vert. Angles**      **Horizontal Angles**

	<u>100</u>	<u>110</u>	<u>120</u>	<u>130</u>	<u>140</u>	<u>150</u>	<u>160</u>	<u>170</u>	<u>180</u>	<u>190</u>
0.0	5942.148	5942.148	5942.148	5942.148	5942.148	5942.148	5942.148	5942.148	5942.148	5942.148
0.5	5943.325	5943.033	5942.814	5942.689	5942.710	5943.012	5943.252	5942.908	5942.200	5941.627
1.0	5944.262	5943.752	5943.377	5943.085	5942.877	5942.502	5942.012	5941.804	5942.325	5942.887
1.5	5943.981	5943.773	5943.554	5942.668	5942.491	5942.377	5941.814	5941.616	5942.043	5941.262
2.0	5943.418	5943.252	5942.783	5941.262	5941.408	5941.700	5941.002	5940.648	5941.752	5939.648
2.5	5943.075	5942.481	5941.471	5940.668	5940.752	5940.471	5939.450	5939.804	5939.918	5937.668
3.0	5941.596	5940.721	5939.887	5939.543	5939.168	5938.533	5937.325	5938.064	5937.023	5935.189
3.5	5939.939	5938.939	5938.127	5937.804	5937.127	5937.127	5936.200	5936.314	5934.179	5932.846
4.0	5937.741	5936.512	5935.356	5934.939	5934.616	5934.241	5934.179	5933.023	5930.700	5930.585
4.5	5934.658	5933.116	5932.616	5931.898	5931.137	5931.429	5931.658	5929.752	5927.398	5927.252
5.0	5931.377	5929.856	5929.773	5929.012	5928.262	5928.543	5928.189	5926.752	5924.554	5924.043
5.5	5927.887	5926.606	5925.898	5925.575	5925.179	5925.293	5924.387	5922.346	5920.408	5919.210
6.0	5924.262	5923.096	5922.168	5921.950	5921.533	5921.043	5920.564	5918.210	5915.283	5913.616
6.5	5919.658	5918.408	5918.054	5917.533	5917.137	5916.106	5915.429	5913.866	5910.731	5909.002
7.0	5914.366	5913.418	5913.273	5912.596	5912.252	5910.616	5909.731	5908.502	5905.450	5902.835
7.5	5909.533	5908.210	5907.554	5907.783	5907.366	5904.762	5903.752	5902.533	5900.293	5897.929
8.0	5904.689	5903.064	5901.658	5901.564	5901.481	5899.939	5898.064	5896.106	5893.918	5892.168
8.5	5898.814	5896.918	5895.721	5895.606	5894.991	5893.418	5892.023	5889.575	5887.262	5885.023
9.0	5892.023	5890.241	5888.887	5889.148	5888.460	5886.262	5885.481	5882.700	5879.627	5877.929
9.5	5885.127	5884.064	5882.033	5882.210	5881.398	5879.356	5878.179	5875.366	5873.793	5870.971
10.0	5877.887	5877.106	5874.939	5875.137	5873.783	5872.158	5870.543	5867.168	5866.752	5863.471
10.5	5870.471	5869.293	5867.137	5866.606	5865.648	5864.596	5862.887	5859.471	5858.116	5854.783
11.0	5862.773	5860.346	5859.700	5858.575	5857.450	5856.502	5854.429	5850.668	5849.554	5846.502
11.5	5853.689	5851.273	5850.846	5849.971	5848.658	5847.512	5845.793	5842.054	5840.981	5837.491
12.0	5844.200	5842.064	5841.773	5840.262	5839.502	5838.116	5836.585	5833.137	5831.064	5827.137



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**CANDELA TABULATION - (Cont.)**

12.5	5834.523	5832.481	5832.335	5831.023	5830.252	5827.918	5826.596	5823.356	5821.127	5817.273
13.0	5825.054	5823.231	5822.866	5821.064	5820.387	5818.304	5816.554	5814.033	5811.814	5806.991
13.5	5815.179	5812.783	5812.814	5811.491	5810.346	5808.200	5806.325	5803.512	5801.085	5795.971
14.0	5804.981	5802.148	5801.846	5800.356	5800.023	5797.200	5795.596	5792.575	5789.679	5785.273
14.5	5793.846	5790.710	5791.064	5789.158	5788.960	5786.033	5783.887	5781.335	5778.179	5774.366
15.0	5781.762	5778.700	5779.408	5777.554	5777.241	5774.523	5772.043	5769.293	5765.898	5762.721
15.5	5770.523	5767.023	5767.262	5765.189	5765.241	5762.033	5759.991	5756.835	5753.991	5749.835
16.0	5758.273	5754.991	5755.023	5753.418	5752.585	5749.658	5747.418	5743.960	5740.304	5735.960
16.5	5745.314	5743.002	5742.846	5741.335	5739.950	5737.335	5734.752	5731.054	5726.408	5722.023
17.0	5732.095	5730.241	5730.023	5727.523	5727.335	5724.512	5721.637	5717.335	5713.898	5708.700
17.5	5718.085	5716.345	5716.189	5713.658	5713.491	5709.606	5707.929	5703.137	5702.200	5695.220
18.0	5703.877	5702.460	5702.116	5699.241	5699.023	5695.366	5693.898	5689.293	5685.981	5680.075
18.5	5689.512	5688.554	5688.220	5685.908	5685.918	5681.825	5679.554	5675.408	5669.200	5665.231
19.0	5674.460	5673.898	5673.335	5670.908	5670.575	5666.887	5664.835	5660.231	5653.523	5648.991
19.5	5658.835	5658.220	5657.793	5655.387	5655.179	5651.523	5649.148	5644.179	5639.491	5633.773
20.0	5643.543	5642.179	5642.273	5639.825	5639.543	5636.085	5633.241	5628.345	5624.606	5618.200
20.5	5627.231	5625.658	5625.866	5623.950	5623.408	5619.856	5617.450	5612.127	5607.616	5602.700
21.0	5610.710	5609.168	5609.262	5607.085	5607.064	5602.595	5600.512	5594.960	5590.773	5584.502
21.5	5593.783	5592.502	5591.970	5590.137	5589.575	5585.293	5583.158	5577.898	5574.481	5566.033
22.0	5575.918	5575.335	5574.450	5572.470	5571.877	5568.200	5565.512	5560.460	5557.523	5549.668
22.5	5557.429	5557.366	5556.679	5555.231	5554.314	5550.200	5547.450	5542.356	5539.783	5532.137
23.0	5539.564	5539.533	5538.804	5537.293	5535.668	5531.575	5528.856	5524.293	5519.293	5512.752
23.5	5520.981	5521.668	5519.856	5518.679	5517.064	5512.429	5510.012	5505.325	5499.700	5493.752
24.0	5502.200	5502.418	5501.345	5499.710	5497.793	5493.856	5491.210	5485.950	5481.220	5474.523
24.5	5482.710	5482.439	5481.981	5480.710	5478.616	5474.137	5471.523	5466.012	5460.647	5453.522
25.0	5462.148	5462.543	5462.450	5460.627	5457.595	5454.637	5450.991	5445.856	5439.356	5434.106
25.5	5442.356	5442.397	5442.220	5440.377	5436.772	5433.387	5430.512	5424.845	5419.116	5413.127
26.0	5421.252	5422.147	5421.220	5419.054	5416.345	5412.231	5409.877	5403.991	5399.200	5392.512
26.5	5399.575	5400.637	5399.460	5397.814	5395.231	5391.533	5388.637	5383.033	5378.085	5370.929
27.0	5378.481	5379.470	5378.356	5375.689	5373.741	5369.710	5366.877	5361.741	5355.252	5349.439
27.5	5356.877	5357.335	5356.856	5354.022	5352.200	5347.939	5344.908	5339.491	5333.752	5326.439
28.0	5334.554	5334.564	5333.606	5330.908	5328.887	5324.856	5322.179	5316.543	5310.200	5302.679
28.5	5311.929	5311.856	5310.366	5307.950	5305.606	5302.147	5299.210	5293.387	5287.606	5279.897
29.0	5288.345	5288.783	5287.522	5284.241	5282.325	5278.804	5275.752	5270.043	5264.408	5257.106
29.5	5264.502	5265.002	5264.022	5260.585	5259.075	5254.929	5251.533	5245.856	5240.168	5232.095
30.0	5240.658	5241.002	5240.054	5236.689	5234.825	5230.783	5227.210	5221.637	5215.804	5207.731
30.5	5216.179	5216.075	5215.241	5212.408	5210.127	5205.991	5202.887	5197.491	5190.887	5183.574
31.0	5191.033	5190.668	5189.397	5187.283	5184.762	5180.689	5178.106	5172.314	5165.793	5158.762
31.5	5165.929	5165.210	5164.356	5162.710	5159.783	5155.897	5152.345	5146.658	5140.262	5133.033
32.0	5140.272	5139.252	5138.210	5136.220	5134.991	5130.127	5126.147	5120.897	5115.929	5107.231
32.5	5113.762	5112.918	5111.189	5109.564	5108.074	5103.929	5099.647	5093.856	5087.064	5080.241
33.0	5086.793	5086.252	5084.262	5083.002	5080.908	5076.856	5072.918	5066.835	5062.064	5053.502
33.5	5059.502	5059.314	5057.814	5056.147	5053.481	5048.720	5046.189	5040.199	5035.314	5026.137
34.0	5032.210	5032.054	5029.752	5028.231	5026.929	5021.356	5018.377	5013.064	5006.127	4998.335
34.5	5004.127	5003.283	5001.283	5000.231	4998.147	4993.887	4989.502	4984.835	4977.824	4969.304
35.0	4975.449	4974.522	4972.137	4971.939	4968.981	4965.074	4960.804	4955.752	4948.710	4941.377
35.5	4945.866	4945.345	4944.043	4943.679	4940.064	4935.002	4932.252	4926.387	4919.262	4912.283
36.0	4916.824	4915.887	4914.731	4914.106	4910.991	4905.949	4902.564	4897.106	4889.147	4882.345
36.5	4887.356	4886.366	4884.626	4884.314	4880.876	4876.054	4872.335	4867.512	4861.116	4852.033
37.0	4856.897	4856.158	4854.085	4853.658	4850.876	4846.158	4842.824	4837.231	4830.720	4822.074
37.5	4826.043	4824.991	4824.366	4822.720	4820.012	4815.585	4812.658	4806.554	4801.512	4791.949
38.0	4794.533	4792.949	4792.606	4791.304	4788.637	4784.054	4781.251	4775.356	4769.762	4761.585
38.5	4762.658	4761.293	4761.106	4759.085	4756.856	4752.158	4749.501	4744.022	4737.731	4730.085
39.0	4731.429	4730.533	4728.970	4726.668	4725.251	4720.762	4717.699	4711.585	4706.054	4697.231
39.5	4698.554	4698.074	4696.970	4695.470	4692.501	4688.356	4685.137	4679.762	4673.533	4664.449
40.0	4665.387	4664.272	4664.210	4662.231	4659.720	4655.606	4652.574	4647.626	4641.168	4632.074

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**CANDELA TABULATION - (Cont.)**

40.5	4632.460	4631.241	4631.699	4629.085	4626.793	4622.501	4619.606	4613.772	4607.126	4598.418
41.0	4598.928	4598.324	4597.387	4594.991	4593.231	4588.835	4585.668	4579.678	4574.074	4565.189
41.5	4564.147	4563.918	4563.085	4561.408	4558.168	4554.137	4551.095	4544.960	4542.074	4532.074
42.0	4528.918	4528.689	4527.876	4526.647	4524.366	4519.689	4516.595	4510.918	4506.501	4497.970
42.5	4494.449	4494.397	4494.022	4491.345	4488.637	4485.470	4482.012	4476.939	4471.491	4461.543
43.0	4459.335	4459.043	4458.470	4456.481	4453.626	4449.876	4446.814	4440.949	4434.960	4425.731
43.5	4422.689	4422.272	4420.699	4419.501	4417.522	4413.876	4411.137	4405.731	4397.803	4390.314
44.0	4386.564	4385.460	4384.678	4383.262	4381.345	4377.606	4374.637	4368.876	4362.199	4354.053
44.5	4349.616	4349.262	4349.324	4346.230	4344.783	4340.835	4337.803	4331.991	4325.408	4318.564
45.0	4313.012	4312.137	4311.803	4309.272	4306.991	4303.449	4300.897	4294.387	4288.710	4280.408
45.5	4275.199	4274.064	4273.272	4271.355	4270.085	4265.720	4262.783	4257.439	4249.574	4242.991
46.0	4235.991	4235.220	4234.262	4232.751	4232.116	4227.887	4224.199	4219.022	4211.262	4204.210
46.5	4197.855	4197.710	4197.335	4194.241	4193.762	4190.085	4185.970	4181.022	4173.960	4166.595
47.0	4159.376	4159.033	4158.855	4156.074	4154.439	4151.220	4147.710	4142.126	4135.939	4126.970
47.5	4119.928	4119.428	4118.960	4116.408	4115.366	4111.178	4108.678	4102.845	4095.803	4087.918
48.0	4079.751	4079.730	4078.043	4077.762	4076.157	4071.710	4069.001	4061.855	4057.762	4048.710
48.5	4038.418	4039.564	4038.553	4036.460	4035.460	4031.814	4028.532	4022.345	4016.147	4008.126
49.0	3998.491	3998.574	3998.189	3996.501	3995.282	3990.657	3987.532	3981.657	3976.512	3966.480
49.5	3957.647	3957.147	3956.960	3955.814	3954.043	3949.616	3946.626	3940.991	3936.512	3927.012
50.0	3915.293	3915.814	3915.199	3914.043	3912.668	3908.001	3905.293	3898.668	3894.293	3886.053
50.5	3872.595	3873.199	3872.376	3870.689	3870.085	3866.105	3863.699	3857.397	3851.751	3844.689
51.0	3829.428	3830.053	3830.168	3828.699	3827.449	3822.689	3820.564	3813.834	3811.991	3802.459
51.5	3786.105	3786.699	3787.449	3785.595	3785.001	3780.074	3777.095	3771.793	3767.897	3758.897
52.0	3743.376	3743.855	3743.866	3742.564	3741.032	3737.866	3734.074	3728.887	3723.345	3715.772
52.5	3699.512	3700.220	3700.470	3698.762	3697.220	3694.564	3690.741	3684.782	3679.678	3673.095
53.0	3655.845	3654.970	3656.043	3656.147	3654.095	3649.699	3647.407	3640.428	3636.668	3627.689
53.5	3610.491	3610.241	3611.032	3611.084	3609.334	3604.887	3602.480	3596.991	3591.553	3583.970
54.0	3564.637	3565.334	3565.803	3565.043	3563.834	3560.345	3556.376	3551.637	3547.324	3537.074
54.5	3518.991	3519.272	3520.334	3518.949	3517.428	3513.886	3510.699	3505.616	3502.366	3492.324
55.0	3473.564	3473.709	3475.459	3474.636	3472.282	3468.303	3465.230	3458.876	3458.064	3447.428
55.5	3427.178	3427.855	3428.761	3429.032	3426.741	3421.928	3419.084	3413.574	3411.189	3401.011
56.0	3380.126	3381.157	3381.418	3381.678	3379.116	3375.178	3372.105	3367.116	3363.980	3352.939
56.5	3331.741	3332.761	3333.845	3333.303	3333.147	3328.584	3324.970	3320.407	3317.209	3307.126
57.0	3284.064	3284.189	3286.209	3285.730	3284.803	3281.126	3277.480	3271.720	3268.699	3259.897
57.5	3236.116	3236.834	3238.751	3237.949	3236.897	3232.574	3229.053	3222.938	3221.574	3210.272
58.0	3188.084	3188.459	3189.313	3189.845	3188.022	3183.709	3180.813	3175.647	3172.230	3163.938
58.5	3138.043	3138.928	3139.980	3140.782	3139.688	3134.532	3132.407	3126.595	3120.845	3114.699
59.0	3087.907	3088.866	3091.168	3091.261	3090.282	3085.511	3083.522	3077.376	3073.095	3064.751
59.5	3038.709	3040.522	3041.897	3041.657	3041.376	3037.095	3033.449	3028.011	3024.688	3015.209
60.0	2988.574	2990.720	2992.678	2992.230	2990.511	2987.793	2982.772	2977.834	2974.522	2966.261
60.5	2937.605	2939.001	2940.470	2941.553	2940.303	2936.199	2932.584	2927.668	2923.011	2916.438
61.0	2885.188	2886.386	2889.043	2890.303	2888.126	2884.647	2882.136	2877.095	2874.668	2866.022
61.5	2833.928	2835.709	2837.470	2837.345	2837.313	2833.074	2830.022	2825.886	2822.105	2814.543
62.0	2782.855	2784.563	2787.647	2786.793	2786.209	2781.928	2777.397	2773.897	2772.178	2763.095
62.5	2730.918	2731.855	2735.532	2735.157	2733.376	2730.657	2726.480	2721.324	2718.334	2712.188
63.0	2677.220	2678.834	2682.220	2683.230	2682.032	2677.584	2674.272	2669.261	2667.428	2660.240
63.5	2623.334	2626.220	2629.845	2629.970	2628.605	2624.032	2621.667	2617.272	2614.251	2606.761
64.0	2570.324	2572.417	2576.136	2575.751	2575.240	2571.730	2568.240	2564.084	2551.834	2553.480
64.5	2517.209	2518.490	2521.438	2522.313	2520.917	2518.313	2515.053	2494.345	2465.678	2486.157
65.0	2462.928	2464.407	2468.157	2469.126	2467.167	2464.490	2462.709	2390.855	2350.949	2389.199
65.5	2408.834	2411.376	2414.355	2414.782	2414.126	2410.115	2399.907	2278.574	2251.865	2274.240
66.0	2353.011	2355.636	2359.897	2359.886	2359.480	2356.501	2304.167	2197.782	2188.782	2190.417
66.5	2297.949	2301.074	2304.167	2303.949	2303.292	2301.219	2188.886	2138.553	2137.855	2131.928
67.0	2242.688	2245.719	2248.553	2248.428	2248.397	2245.688	2101.980	2086.657	2086.626	2081.324
67.5	2186.667	2189.855	2192.938	2193.688	2192.813	2177.074	2043.667	2034.553	2034.761	2030.074
68.0	2130.501	2134.365	2137.615	2138.563	2137.740	2069.511	1990.157	1983.032	1983.626	1979.178

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**CANDELA TABULATION - (Cont.)**

68.5	2074.917	2078.699	2081.396	2082.480	2083.126	1964.074	1936.574	1931.824	1931.428	1927.855
69.0	2019.740	2022.282	2025.053	2025.740	2027.396	1891.626	1882.626	1879.761	1878.667	1874.917
69.5	1958.428	1964.740	1967.355	1968.324	1969.574	1836.021	1830.605	1818.376	1808.042	1819.188
70.0	1872.126	1908.782	1910.469	1911.553	1906.219	1782.938	1779.178	1732.157	1715.230	1748.990
70.5	1763.876	1845.886	1854.198	1855.126	1803.511	1728.803	1713.834	1644.834	1649.084	1675.448
71.0	1676.698	1752.698	1796.657	1797.771	1697.032	1674.803	1626.198	1575.813	1583.719	1602.678
71.5	1618.000	1644.605	1738.761	1741.126	1628.125	1621.719	1543.240	1509.844	1518.573	1529.823
72.0	1564.532	1570.084	1677.271	1683.928	1573.261	1561.834	1477.542	1449.303	1453.709	1456.219
72.5	1511.594	1515.594	1583.719	1626.167	1519.636	1474.282	1412.698	1398.188	1400.980	1399.178
73.0	1456.917	1461.865	1479.542	1566.292	1465.855	1390.834	1353.865	1334.844	1333.459	1344.969
73.5	1401.792	1407.563	1410.438	1497.490	1411.948	1327.365	1299.761	1254.823	1249.917	1263.907
74.0	1347.313	1353.282	1358.365	1383.188	1355.094	1264.146	1227.490	1184.521	1188.052	1194.427
74.5	1295.052	1298.709	1304.584	1280.105	1275.073	1207.605	1153.282	1113.344	1113.105	1119.886
75.0	1224.167	1247.271	1250.209	1182.584	1190.146	1149.136	1085.115	1060.177	1064.844	1065.073
75.5	1125.750	1186.219	1196.032	1122.313	1129.969	1074.667	1023.271	1000.000	1001.219	1009.532
76.0	1053.167	1095.261	1143.594	1071.407	1064.917	1005.427	967.282	930.084	927.219	936.042
76.5	1003.927	1008.000	1087.344	1020.594	1012.250	940.396	899.646	866.042	866.646	871.750
77.0	954.938	959.771	1008.511	957.063	933.886	882.365	831.573	804.031	807.490	815.750
77.5	908.907	910.917	907.573	879.657	829.011	818.823	769.552	745.500	747.656	758.313
78.0	844.667	864.479	822.625	822.104	760.511	755.865	710.490	686.906	680.594	690.052
78.5	765.136	804.865	767.240	755.781	699.886	694.167	650.844	628.219	628.167	636.688
79.0	708.990	729.448	720.073	690.240	638.990	631.709	591.188	569.563	572.584	583.136
79.5	652.021	674.698	657.136	624.552	578.073	569.292	531.188	510.906	516.458	524.761
80.0	594.969	618.667	594.896	558.865	517.167	507.521	474.448	451.542	465.365	474.636
80.5	536.896	562.615	532.396	493.021	456.229	435.646	419.729	396.636	408.011	417.729
81.0	488.365	505.813	472.083	428.011	397.063	380.229	370.177	351.521	362.396	371.990
81.5	438.636	456.511	416.250	376.031	350.906	329.313	320.323	298.188	309.698	319.438
82.0	380.427	403.844	357.521	332.261	304.365	285.146	270.031	257.927	264.771	271.417
82.5	336.365	335.261	311.823	278.823	248.594	242.344	235.771	227.792	227.250	232.458
83.0	289.115	293.406	259.563	231.198	208.604	198.094	203.458	188.760	189.604	194.917
83.5	250.156	241.667	220.073	193.313	173.552	165.229	159.000	145.792	151.927	157.104
84.0	201.229	199.885	171.260	150.000	136.938	133.042	114.719	104.823	114.292	119.198
84.5	162.771	159.854	135.635	112.115	110.323	94.917	78.208	73.365	76.781	83.292
85.0	132.260	124.854	104.615	90.188	78.958	73.115	55.104	61.542	42.292	48.510
85.5	104.490	95.875	77.313	66.677	64.146	59.792	44.479	49.063	17.854	21.906
86.0	78.115	73.396	62.656	52.135	51.417	45.885	33.188	36.510	15.073	14.865
86.5	59.750	56.198	48.115	37.979	38.375	31.917	21.427	23.667	12.292	12.750
87.0	41.146	38.813	33.531	23.708	25.344	17.406	13.313	12.719	9.531	9.875
87.5	21.667	20.729	18.521	10.083	12.083	9.740	8.438	8.844	6.802	6.990
88.0	8.740	7.646	6.323	5.656	6.208	7.490	4.854	7.188	4.094	4.010
88.5	7.167	5.844	4.813	4.292	4.563	5.948	3.771	5.417	2.271	2.417
89.0	5.375	3.875	3.313	3.010	3.292	4.313	2.500	3.646	1.469	1.510
89.5	3.510	1.760	1.729	1.719	1.979	2.677	1.156	1.802	0.906	0.927
90.0	1.542	0.354	0.469	0.510	0.635	0.938	0.417	0.406	0.542	0.552
90.5	0.365	0.479	0.469	0.469	0.448	0.406	0.438	0.438	0.510	0.500
91.0	0.500	0.500	0.500	0.490	0.490	0.469	0.458	0.458	0.542	0.542
91.5	0.521	0.521	0.521	0.521	0.510	0.500	0.490	0.479	0.563	0.563
92.0	0.542	0.542	0.542	0.542	0.531	0.521	0.510	0.500	0.583	0.583
92.5	0.573	0.573	0.563	0.563	0.552	0.542	0.531	0.521	0.615	0.615
93.0	0.594	0.594	0.594	0.594	0.583	0.573	0.552	0.552	0.635	0.635
93.5	0.615	0.615	0.615	0.615	0.604	0.594	0.583	0.573	0.667	0.667
94.0	0.646	0.646	0.635	0.646	0.635	0.615	0.604	0.594	0.688	0.688
94.5	0.667	0.667	0.667	0.667	0.656	0.646	0.625	0.615	0.708	0.719
95.0	0.688	0.688	0.688	0.688	0.688	0.677	0.646	0.635	0.740	0.740
95.5	0.708	0.708	0.708	0.719	0.708	0.708	0.677	0.667	0.760	0.771
96.0	0.740	0.740	0.740	0.740	0.729	0.740	0.698	0.688	0.792	0.792

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**CANDELA TABULATION - (Cont.)**

96.5	0.760	0.760	0.760	0.760	0.760	0.760	0.729	0.708	0.813	0.823
97.0	0.781	0.781	0.781	0.792	0.792	0.781	0.750	0.729	0.844	0.844
97.5	0.802	0.802	0.802	0.813	0.823	0.802	0.771	0.750	0.865	0.875
98.0	0.823	0.823	0.823	0.844	0.854	0.823	0.792	0.771	0.896	0.896
98.5	0.844	0.844	0.854	0.875	0.875	0.844	0.813	0.792	0.917	0.917
99.0	0.865	0.865	0.875	0.896	0.885	0.865	0.833	0.813	0.948	0.948
99.5	0.885	0.885	0.906	0.927	0.906	0.885	0.854	0.833	0.969	0.979
100.0	0.906	0.917	0.927	0.948	0.927	0.906	0.875	0.854	1.010	1.010
100.5	0.927	0.938	0.958	0.969	0.948	0.927	0.896	0.875	1.042	1.042
101.0	0.958	0.969	0.979	0.990	0.969	0.948	0.917	0.896	1.073	1.073
101.5	0.979	0.990	1.000	1.010	0.990	0.969	0.938	0.927	1.104	1.104
102.0	1.000	1.010	1.021	1.031	1.010	0.990	0.958	0.948	1.135	1.135
102.5	1.021	1.031	1.042	1.052	1.031	1.010	0.979	0.969	1.167	1.167
103.0	1.042	1.052	1.063	1.073	1.052	1.031	1.000	0.990	1.208	1.198
103.5	1.063	1.073	1.083	1.104	1.073	1.052	1.021	1.010	1.240	1.240
104.0	1.083	1.104	1.104	1.125	1.094	1.063	1.052	1.031	1.281	1.281
104.5	1.115	1.125	1.135	1.146	1.115	1.094	1.073	1.063	1.313	1.313
105.0	1.135	1.146	1.156	1.167	1.135	1.115	1.094	1.083	1.354	1.344
105.5	1.156	1.177	1.177	1.188	1.167	1.135	1.125	1.104	1.385	1.375
106.0	1.188	1.198	1.198	1.219	1.188	1.167	1.146	1.135	1.417	1.406
106.5	1.208	1.229	1.219	1.240	1.219	1.188	1.177	1.156	1.438	1.438
107.0	1.240	1.250	1.240	1.260	1.240	1.219	1.198	1.177	1.469	1.458
107.5	1.260	1.271	1.260	1.281	1.260	1.240	1.229	1.208	1.479	1.479
108.0	1.281	1.292	1.281	1.302	1.281	1.260	1.250	1.229	1.479	1.500
108.5	1.313	1.323	1.302	1.323	1.302	1.292	1.281	1.250	1.500	1.521
109.0	1.333	1.344	1.323	1.344	1.323	1.313	1.292	1.271	1.521	1.542
109.5	1.354	1.354	1.344	1.365	1.344	1.333	1.313	1.292	1.542	1.563
110.0	1.375	1.375	1.365	1.385	1.365	1.354	1.333	1.313	1.563	1.583
110.5	1.396	1.396	1.385	1.406	1.385	1.375	1.354	1.333	1.583	1.604
111.0	1.417	1.417	1.406	1.438	1.417	1.406	1.385	1.365	1.604	1.625
111.5	1.448	1.448	1.438	1.458	1.448	1.427	1.406	1.385	1.635	1.646
112.0	1.469	1.469	1.458	1.490	1.479	1.448	1.427	1.417	1.656	1.667
112.5	1.490	1.490	1.490	1.510	1.510	1.469	1.448	1.438	1.677	1.688
113.0	1.521	1.521	1.521	1.542	1.531	1.490	1.469	1.458	1.698	1.708
113.5	1.542	1.552	1.542	1.563	1.563	1.510	1.500	1.479	1.719	1.740
114.0	1.573	1.573	1.563	1.583	1.583	1.531	1.531	1.521	1.740	1.760
114.5	1.594	1.594	1.583	1.604	1.604	1.552	1.552	1.552	1.760	1.781
115.0	1.604	1.604	1.594	1.615	1.615	1.583	1.573	1.583	1.792	1.802
115.5	1.615	1.615	1.604	1.625	1.635	1.604	1.594	1.604	1.813	1.823
116.0	1.625	1.625	1.615	1.646	1.656	1.635	1.615	1.635	1.844	1.854
116.5	1.646	1.646	1.635	1.656	1.667	1.656	1.635	1.656	1.865	1.875
117.0	1.667	1.667	1.656	1.688	1.698	1.677	1.656	1.677	1.885	1.885
117.5	1.677	1.677	1.677	1.719	1.719	1.708	1.688	1.698	1.906	1.917
118.0	1.698	1.698	1.698	1.740	1.750	1.729	1.719	1.729	1.927	1.948
118.5	1.719	1.729	1.719	1.760	1.771	1.750	1.740	1.760	1.969	1.979
119.0	1.740	1.750	1.740	1.781	1.802	1.781	1.771	1.781	2.021	2.010
119.5	1.760	1.771	1.760	1.813	1.823	1.813	1.802	1.813	2.042	2.042
120.0	1.781	1.792	1.792	1.833	1.854	1.833	1.833	1.854	2.073	2.073
120.5	1.802	1.813	1.813	1.865	1.885	1.865	1.865	1.885	2.094	2.094
121.0	1.833	1.844	1.844	1.885	1.917	1.896	1.885	1.906	2.125	2.125
121.5	1.865	1.875	1.875	1.906	1.948	1.927	1.917	1.948	2.156	2.156
122.0	1.896	1.906	1.896	1.938	1.990	1.958	1.958	1.979	2.188	2.188
122.5	1.927	1.938	1.927	1.969	2.021	1.990	1.990	2.021	2.219	2.219
123.0	1.958	1.969	1.958	2.000	2.052	2.021	2.021	2.063	2.250	2.250
123.5	1.990	2.000	1.990	2.031	2.083	2.052	2.052	2.094	2.281	2.292
124.0	2.010	2.031	2.021	2.073	2.104	2.083	2.083	2.125	2.323	2.323

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : GSL MD 5 UV CL 850.IES**

**CANDELA TABULATION - (Cont.)**

124.5	2.042	2.063	2.042	2.104	2.125	2.104	2.115	2.167	2.365	2.365
125.0	2.073	2.083	2.073	2.135	2.156	2.135	2.146	2.198	2.406	2.406
125.5	2.104	2.115	2.094	2.167	2.177	2.177	2.167	2.229	2.448	2.448
126.0	2.135	2.135	2.125	2.198	2.198	2.208	2.188	2.260	2.490	2.500
126.5	2.156	2.167	2.156	2.240	2.229	2.240	2.219	2.281	2.531	2.542
127.0	2.167	2.188	2.198	2.271	2.250	2.281	2.250	2.302	2.563	2.583
127.5	2.177	2.219	2.240	2.302	2.281	2.323	2.292	2.333	2.604	2.615
128.0	2.208	2.250	2.281	2.323	2.323	2.365	2.323	2.365	2.646	2.656
128.5	2.240	2.281	2.313	2.354	2.354	2.417	2.365	2.406	2.688	2.708
129.0	2.260	2.313	2.354	2.375	2.385	2.458	2.396	2.448	2.740	2.760
129.5	2.292	2.344	2.396	2.396	2.427	2.500	2.438	2.490	2.792	2.813
130.0	2.323	2.385	2.417	2.417	2.458	2.531	2.469	2.521	2.833	2.865
130.5	2.354	2.427	2.448	2.448	2.500	2.563	2.500	2.563	2.885	2.906
131.0	2.396	2.469	2.469	2.479	2.531	2.594	2.542	2.604	2.938	2.958
131.5	2.427	2.500	2.490	2.510	2.573	2.625	2.573	2.646	2.979	3.000
132.0	2.469	2.542	2.510	2.552	2.615	2.656	2.615	2.688	3.021	3.042
132.5	2.510	2.552	2.531	2.583	2.656	2.688	2.646	2.719	3.063	3.104
133.0	2.542	2.573	2.563	2.615	2.688	2.719	2.677	2.760	3.115	3.156
133.5	2.552	2.583	2.583	2.646	2.729	2.750	2.708	2.792	3.167	3.208
134.0	2.563	2.594	2.604	2.677	2.760	2.781	2.740	2.833	3.219	3.271
134.5	2.573	2.615	2.625	2.698	2.792	2.802	2.771	2.865	3.281	3.333
135.0	2.583	2.625	2.656	2.729	2.823	2.833	2.802	2.896	3.333	3.385
135.5	2.594	2.646	2.677	2.760	2.854	2.854	2.833	2.927	3.385	3.427
136.0	2.615	2.667	2.708	2.792	2.875	2.875	2.854	2.958	3.427	3.479
136.5	2.635	2.698	2.740	2.833	2.896	2.896	2.885	2.990	3.469	3.531
137.0	2.656	2.740	2.771	2.865	2.917	2.927	2.917	3.021	3.500	3.573
137.5	2.688	2.771	2.802	2.906	2.948	2.958	2.948	3.052	3.531	3.625
138.0	2.719	2.813	2.844	2.938	2.979	2.979	2.979	3.083	3.573	3.677
138.5	2.750	2.854	2.885	2.979	3.000	3.000	3.010	3.115	3.625	3.729
139.0	2.792	2.885	2.927	3.010	3.031	3.021	3.031	3.146	3.677	3.781
139.5	2.833	2.917	2.958	3.052	3.052	3.052	3.063	3.177	3.740	3.823
140.0	2.865	2.958	3.000	3.083	3.073	3.073	3.083	3.208	3.802	3.865
140.5	2.896	3.000	3.042	3.104	3.094	3.094	3.115	3.240	3.844	3.906
141.0	2.927	3.042	3.073	3.135	3.115	3.115	3.135	3.260	3.896	3.938
141.5	2.969	3.073	3.115	3.156	3.135	3.146	3.167	3.281	3.927	3.979
142.0	3.000	3.115	3.146	3.167	3.156	3.167	3.188	3.302	3.979	4.031
142.5	3.042	3.135	3.167	3.177	3.167	3.177	3.208	3.313	4.021	4.063
143.0	3.073	3.167	3.188	3.188	3.177	3.188	3.229	3.333	4.052	4.104
143.5	3.094	3.188	3.188	3.188	3.188	3.208	3.250	3.344	4.083	4.135
144.0	3.104	3.198	3.198	3.188	3.188	3.208	3.260	3.354	4.125	4.177
144.5	3.115	3.208	3.198	3.188	3.198	3.219	3.271	3.365	4.167	4.219
145.0	3.125	3.208	3.198	3.188	3.198	3.219	3.281	3.365	4.208	4.250
145.5	3.146	3.219	3.188	3.198	3.198	3.229	3.302	3.375	4.250	4.281
146.0	3.146	3.219	3.188	3.198	3.208	3.229	3.313	3.385	4.292	4.323
146.5	3.146	3.219	3.188	3.208	3.219	3.229	3.313	3.396	4.323	4.354
147.0	3.146	3.208	3.188	3.208	3.219	3.229	3.323	3.396	4.354	4.385
147.5	3.146	3.208	3.188	3.219	3.229	3.229	3.323	3.406	4.385	4.417
148.0	3.156	3.208	3.188	3.219	3.240	3.229	3.323	3.417	4.417	4.448
148.5	3.156	3.198	3.188	3.229	3.250	3.240	3.323	3.427	4.448	4.469
149.0	3.146	3.198	3.198	3.240	3.260	3.250	3.323	3.438	4.479	4.490
149.5	3.146	3.188	3.208	3.240	3.260	3.260	3.323	3.438	4.510	4.510
150.0	3.135	3.177	3.208	3.250	3.271	3.271	3.323	3.448	4.542	4.531
150.5	3.125	3.177	3.208	3.260	3.281	3.281	3.323	3.458	4.563	4.542
151.0	3.115	3.177	3.208	3.260	3.302	3.302	3.323	3.469	4.573	4.552
151.5	3.104	3.177	3.208	3.260	3.302	3.313	3.323	3.469	4.594	4.563
152.0	3.094	3.167	3.219	3.271	3.302	3.323	3.323	3.469	4.594	4.563

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : GSL MD 5 UV CL 850.IES**

**CANDELA TABULATION - (Cont.)**

152.5	3.094	3.167	3.219	3.271	3.313	3.333	3.313	3.458	4.604	4.563
153.0	3.094	3.177	3.229	3.281	3.323	3.354	3.323	3.458	4.594	4.563
153.5	3.104	3.188	3.250	3.292	3.333	3.385	3.344	3.479	4.594	4.563
154.0	3.115	3.198	3.260	3.313	3.344	3.406	3.365	3.490	4.594	4.563
154.5	3.135	3.208	3.281	3.323	3.354	3.427	3.385	3.510	4.604	4.563
155.0	3.146	3.229	3.292	3.344	3.375	3.448	3.406	3.531	4.625	4.583
155.5	3.156	3.240	3.313	3.354	3.396	3.469	3.427	3.563	4.635	4.594
156.0	3.177	3.260	3.333	3.375	3.417	3.490	3.448	3.583	4.656	4.615
156.5	3.188	3.271	3.354	3.396	3.438	3.510	3.469	3.615	4.677	4.635
157.0	3.208	3.292	3.375	3.427	3.469	3.531	3.479	3.646	4.708	4.656
157.5	3.219	3.313	3.396	3.448	3.490	3.542	3.490	3.677	4.729	4.677
158.0	3.229	3.333	3.417	3.479	3.531	3.552	3.500	3.708	4.750	4.698
158.5	3.250	3.344	3.438	3.510	3.552	3.563	3.510	3.729	4.771	4.708
159.0	3.260	3.365	3.458	3.531	3.583	3.563	3.510	3.740	4.781	4.708
159.5	3.260	3.375	3.469	3.552	3.604	3.573	3.510	3.750	4.771	4.698
160.0	3.271	3.385	3.479	3.563	3.615	3.573	3.521	3.750	4.771	4.698
160.5	3.281	3.385	3.500	3.583	3.625	3.573	3.521	3.760	4.750	4.688
161.0	3.292	3.396	3.510	3.594	3.635	3.583	3.531	3.760	4.740	4.677
161.5	3.323	3.427	3.542	3.615	3.656	3.604	3.542	3.760	4.708	4.667
162.0	3.354	3.469	3.573	3.646	3.688	3.625	3.573	3.771	4.688	4.646
162.5	3.385	3.500	3.615	3.677	3.708	3.646	3.604	3.792	4.667	4.625
163.0	3.396	3.531	3.635	3.698	3.719	3.667	3.625	3.823	4.646	4.604
163.5	3.417	3.563	3.667	3.719	3.729	3.677	3.646	3.833	4.646	4.604
164.0	3.469	3.615	3.719	3.760	3.760	3.708	3.667	3.854	4.635	4.604
164.5	3.531	3.677	3.771	3.813	3.813	3.750	3.708	3.885	4.635	4.604
165.0	3.583	3.729	3.823	3.854	3.844	3.802	3.760	3.938	4.625	4.594
165.5	3.625	3.760	3.865	3.885	3.875	3.844	3.813	3.979	4.615	4.594
166.0	3.646	3.771	3.896	3.906	3.896	3.865	3.844	4.010	4.615	4.594
166.5	3.677	3.802	3.927	3.927	3.917	3.896	3.875	4.042	4.615	4.594
167.0	3.688	3.833	3.958	3.958	3.948	3.938	3.917	4.073	4.615	4.604
167.5	3.698	3.865	3.990	3.990	3.979	3.979	3.969	4.125	4.615	4.615
168.0	3.677	3.885	4.000	4.010	4.010	4.021	4.000	4.177	4.615	4.615
168.5	3.656	3.896	4.000	4.010	4.021	4.042	4.031	4.208	4.615	4.615
169.0	3.646	3.906	4.000	4.010	4.021	4.042	4.042	4.229	4.615	4.625
169.5	3.646	3.896	3.979	4.000	4.021	4.042	4.031	4.240	4.615	4.625
170.0	3.667	3.885	3.969	4.000	4.021	4.042	4.031	4.260	4.635	4.625
170.5	3.708	3.885	3.979	4.000	4.021	4.042	4.021	4.292	4.667	4.646
171.0	3.760	3.906	4.000	4.021	4.042	4.063	4.031	4.323	4.708	4.688
171.5	3.823	3.938	4.031	4.052	4.073	4.094	4.063	4.365	4.729	4.719
172.0	3.896	3.969	4.063	4.083	4.104	4.125	4.094	4.396	4.729	4.729
172.5	3.979	4.031	4.115	4.146	4.156	4.177	4.135	4.438	4.719	4.729
173.0	4.073	4.104	4.198	4.229	4.250	4.250	4.208	4.490	4.719	4.740
173.5	4.167	4.198	4.281	4.323	4.354	4.344	4.302	4.563	4.729	4.760
174.0	4.208	4.271	4.354	4.406	4.448	4.448	4.406	4.625	4.750	4.781
174.5	4.198	4.313	4.396	4.438	4.500	4.510	4.490	4.677	4.760	4.792
175.0	4.198	4.344	4.427	4.458	4.521	4.552	4.531	4.698	4.750	4.792
175.5	4.208	4.365	4.448	4.479	4.542	4.563	4.552	4.708	4.740	4.792
176.0	4.240	4.385	4.479	4.500	4.552	4.573	4.573	4.708	4.719	4.781
176.5	4.260	4.396	4.490	4.510	4.563	4.583	4.594	4.688	4.708	4.771
177.0	4.260	4.396	4.490	4.500	4.563	4.583	4.594	4.646	4.688	4.771
177.5	4.250	4.396	4.479	4.479	4.542	4.563	4.583	4.604	4.688	4.781
178.0	4.250	4.406	4.469	4.469	4.521	4.531	4.563	4.583	4.719	4.802
178.5	4.281	4.448	4.469	4.500	4.521	4.531	4.542	4.656	4.771	4.802
179.0	4.417	4.479	4.521	4.521	4.510	4.573	4.708	4.802	4.792	4.729
179.5	4.979	4.688	4.656	4.688	4.688	4.667	4.646	4.656	4.719	4.792
180.0	4.750	4.750	4.750	4.750	4.750	4.750	4.750	4.750	4.750	4.750

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : GSL MD 5 UV CL 850.IES**

**CANDELA TABULATION - (Cont.)**

<b>Vert. Angles</b>	<b>Horizontal Angles</b>									
	<b>200</b>	<b>210</b>	<b>220</b>	<b>230</b>	<b>240</b>	<b>250</b>	<b>260</b>	<b>270</b>	<b>280</b>	<b>290</b>
<b>0.0</b>	5942.148	5942.148	5942.148	5942.148	5942.148	5942.148	5942.148	5942.148	5942.148	5942.148
<b>0.5</b>	5941.346	5941.283	5941.241	5941.168	5941.043	5941.012	5941.252	5941.075	5940.491	5941.554
<b>1.0</b>	5942.262	5940.960	5940.575	5940.241	5939.866	5939.658	5939.189	5939.835	5938.898	5939.002
<b>1.5</b>	5939.668	5939.460	5939.189	5939.273	5939.221	5938.314	5937.325	5938.450	5938.502	5937.783
<b>2.0</b>	5938.325	5937.387	5936.877	5937.304	5937.168	5934.991	5935.616	5936.366	5935.898	5935.168
<b>2.5</b>	5936.200	5935.887	5935.543	5935.491	5932.512	5932.158	5933.231	5932.054	5932.731	5933.002
<b>3.0</b>	5933.804	5934.554	5933.783	5932.523	5930.314	5929.012	5929.804	5929.106	5929.189	5929.575
<b>3.5</b>	5931.596	5931.773	5930.502	5929.929	5927.481	5925.075	5926.585	5926.648	5926.085	5924.835
<b>4.0</b>	5929.148	5928.106	5927.012	5925.533	5923.887	5921.262	5923.106	5922.835	5922.439	5920.689
<b>4.5</b>	5925.075	5924.096	5923.533	5922.002	5919.210	5916.908	5917.887	5918.762	5917.346	5916.616
<b>5.0</b>	5921.314	5919.012	5919.346	5918.283	5914.877	5912.460	5913.210	5914.356	5912.210	5911.783
<b>5.5</b>	5916.658	5914.189	5914.846	5912.043	5909.064	5908.377	5909.137	5908.752	5907.689	5906.502
<b>6.0</b>	5911.721	5909.710	5909.918	5907.918	5902.991	5903.064	5904.523	5901.700	5901.689	5901.471
<b>6.5</b>	5906.481	5903.648	5904.793	5902.346	5896.950	5896.991	5898.189	5895.439	5895.793	5896.189
<b>7.0</b>	5901.012	5898.543	5897.939	5895.127	5890.908	5890.606	5891.627	5888.877	5889.377	5889.783
<b>7.5</b>	5895.221	5893.179	5891.512	5889.075	5884.658	5884.148	5884.606	5881.991	5882.616	5881.533
<b>8.0</b>	5888.877	5886.210	5885.064	5882.273	5877.356	5877.637	5877.293	5875.450	5875.523	5873.377
<b>8.5</b>	5881.731	5878.658	5877.585	5873.929	5870.189	5870.762	5868.991	5867.304	5867.752	5865.523
<b>9.0</b>	5874.596	5871.325	5870.679	5867.064	5861.273	5861.543	5860.262	5859.033	5859.491	5857.512
<b>9.5</b>	5867.398	5863.950	5862.887	5859.377	5852.918	5852.398	5852.981	5850.856	5850.731	5849.033
<b>10.0</b>	5859.012	5855.804	5853.273	5849.637	5844.793	5843.533	5844.491	5841.825	5842.023	5840.189
<b>10.5</b>	5850.793	5847.533	5845.814	5840.418	5836.252	5834.002	5835.189	5832.262	5832.168	5830.783
<b>11.0</b>	5842.293	5839.210	5838.596	5831.606	5826.971	5824.460	5824.991	5821.918	5821.981	5822.481
<b>11.5</b>	5832.689	5829.762	5827.918	5822.189	5818.033	5814.262	5814.773	5811.127	5811.356	5813.877
<b>12.0</b>	5822.502	5820.283	5817.335	5813.293	5807.898	5804.668	5804.460	5800.418	5801.502	5802.585
<b>12.5</b>	5813.210	5810.700	5807.012	5802.825	5798.106	5794.127	5793.762	5789.012	5790.887	5790.866
<b>13.0</b>	5803.523	5800.418	5796.033	5790.866	5786.710	5782.991	5782.606	5777.877	5779.835	5779.283
<b>13.5</b>	5792.356	5788.585	5783.752	5778.908	5775.481	5771.418	5770.668	5767.596	5768.543	5767.335
<b>14.0</b>	5781.387	5776.752	5771.335	5767.481	5764.200	5758.679	5759.054	5755.325	5756.283	5756.283
<b>14.5</b>	5769.439	5764.991	5760.221	5753.981	5749.627	5744.950	5746.075	5741.950	5745.043	5743.731
<b>15.0</b>	5757.491	5752.637	5748.189	5742.137	5736.939	5732.543	5732.835	5728.929	5733.012	5730.429
<b>15.5</b>	5745.023	5740.200	5734.689	5729.887	5725.627	5719.970	5720.033	5717.075	5717.887	5717.470
<b>16.0</b>	5731.543	5728.304	5721.908	5717.429	5711.960	5706.273	5705.575	5702.845	5702.439	5703.627
<b>16.5</b>	5717.804	5714.793	5707.981	5701.668	5697.398	5691.960	5691.554	5688.564	5688.689	5688.366
<b>17.0</b>	5703.293	5699.689	5692.950	5688.293	5683.012	5677.835	5677.762	5675.387	5674.075	5671.783
<b>17.5</b>	5689.085	5685.356	5678.002	5673.814	5667.845	5662.606	5663.075	5660.950	5658.627	5656.564
<b>18.0</b>	5674.960	5671.106	5663.168	5657.575	5651.314	5647.293	5648.720	5645.773	5644.429	5641.252
<b>18.5</b>	5660.366	5657.241	5647.814	5641.345	5635.814	5630.877	5632.450	5629.731	5630.512	5625.231
<b>19.0</b>	5644.991	5641.408	5632.533	5626.460	5621.273	5615.189	5615.064	5613.325	5614.210	5610.304
<b>19.5</b>	5628.554	5624.273	5616.970	5610.377	5604.252	5600.533	5598.398	5596.502	5597.460	5593.158
<b>20.0</b>	5612.002	5607.325	5598.981	5593.210	5585.835	5582.741	5581.710	5578.377	5580.335	5575.116
<b>20.5</b>	5595.033	5590.845	5581.273	5576.689	5568.814	5564.856	5564.377	5561.168	5562.866	5558.418
<b>21.0</b>	5577.668	5572.429	5564.033	5559.762	5550.148	5547.898	5547.387	5543.762	5545.637	5542.366
<b>21.5</b>	5561.054	5554.783	5547.825	5543.741	5531.523	5529.845	5528.429	5525.512	5527.439	5523.418
<b>22.0</b>	5543.866	5538.991	5528.720	5524.700	5513.741	5510.512	5510.033	5506.366	5508.293	5503.460
<b>22.5</b>	5525.616	5520.637	5509.710	5505.158	5495.908	5491.991	5490.658	5487.408	5488.679	5485.252
<b>23.0</b>	5506.804	5499.564	5491.606	5486.054	5477.106	5473.179	5470.283	5467.908	5468.252	5467.523
<b>23.5</b>	5487.554	5479.064	5471.616	5465.523	5457.054	5453.543	5451.679	5448.345	5447.918	5448.429
<b>24.0</b>	5467.241	5459.814	5451.189	5445.627	5436.647	5433.002	5432.377	5427.741	5427.377	5427.408
<b>24.5</b>	5446.637	5439.929	5430.866	5425.679	5416.752	5413.283	5411.033	5407.575	5407.231	5406.741
<b>25.0</b>	5426.825	5420.116	5411.085	5403.804	5395.762	5391.897	5388.950	5386.158	5386.127	5386.981
<b>25.5</b>	5406.200	5400.179	5388.147	5383.158	5373.835	5370.950	5368.064	5363.585	5364.856	5363.845
<b>26.0</b>	5385.002	5378.845	5369.429	5359.793	5352.585	5350.554	5345.793	5342.502	5343.533	5342.054

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**CANDELA TABULATION - (Cont.)**

26.5	5363.335	5356.741	5347.345	5338.543	5331.387	5327.470	5324.543	5319.752	5320.877	5320.689
27.0	5340.783	5333.314	5324.877	5315.408	5308.585	5303.502	5302.231	5296.960	5297.825	5298.481
27.5	5318.158	5310.220	5299.908	5293.283	5285.137	5281.887	5278.960	5274.283	5274.241	5275.908
28.0	5295.668	5288.189	5277.064	5270.116	5261.856	5259.814	5256.637	5251.950	5250.981	5252.345
28.5	5272.293	5264.825	5255.075	5247.575	5237.825	5233.825	5233.387	5228.272	5227.325	5227.783
29.0	5249.314	5240.168	5231.772	5225.387	5213.272	5209.616	5208.877	5202.304	5202.689	5203.200
29.5	5225.043	5216.366	5206.783	5199.564	5189.502	5184.543	5182.929	5179.366	5178.179	5178.127
30.0	5200.575	5191.200	5181.283	5173.897	5164.064	5158.908	5157.179	5155.835	5152.304	5152.012
30.5	5175.772	5166.324	5157.689	5148.877	5140.377	5134.481	5130.731	5129.054	5126.116	5127.533
31.0	5150.293	5141.574	5132.158	5123.106	5114.981	5109.720	5104.481	5101.220	5101.345	5099.793
31.5	5125.481	5115.106	5106.293	5096.522	5088.116	5082.991	5079.241	5074.595	5075.106	5073.314
32.0	5099.793	5088.897	5080.106	5069.741	5060.127	5056.470	5054.752	5048.418	5047.564	5047.606
32.5	5072.220	5062.585	5052.679	5040.897	5034.429	5031.387	5027.752	5021.918	5019.085	5020.991
33.0	5045.054	5035.418	5025.835	5016.262	5007.512	5003.554	5000.199	4995.668	4993.033	4992.449
33.5	5017.595	5007.335	4998.522	4987.877	4979.137	4974.137	4972.022	4967.470	4965.762	4964.647
34.0	4990.231	4980.699	4969.522	4958.314	4950.043	4945.335	4943.991	4938.168	4936.522	4936.574
34.5	4961.627	4952.199	4941.512	4929.387	4922.220	4914.408	4914.491	4909.970	4907.491	4905.835
35.0	4931.554	4922.679	4911.283	4900.324	4891.970	4885.668	4885.147	4881.231	4877.710	4876.699
35.5	4903.022	4892.699	4880.731	4870.054	4860.876	4857.554	4856.168	4851.960	4848.647	4848.887
36.0	4874.251	4863.147	4853.126	4842.074	4831.460	4828.408	4826.033	4821.335	4819.449	4818.679
36.5	4843.845	4832.960	4821.210	4811.741	4802.116	4797.501	4794.022	4790.970	4789.699	4788.585
37.0	4814.731	4802.460	4789.679	4780.887	4771.481	4765.897	4762.845	4759.126	4758.179	4756.814
37.5	4783.501	4770.679	4759.210	4748.647	4740.835	4735.220	4732.366	4726.543	4726.866	4725.262
38.0	4752.481	4740.345	4728.710	4717.272	4707.283	4703.449	4700.710	4695.460	4694.512	4693.439
38.5	4721.220	4709.429	4695.429	4684.949	4677.064	4671.616	4667.387	4664.908	4661.616	4662.262
39.0	4688.147	4676.272	4662.699	4653.366	4644.887	4639.928	4635.241	4631.606	4629.335	4629.439
39.5	4656.908	4642.626	4631.335	4619.668	4610.908	4607.803	4604.210	4596.595	4596.866	4596.658
40.0	4624.512	4609.137	4597.793	4587.324	4578.085	4574.356	4569.668	4562.408	4564.137	4562.397
40.5	4590.251	4577.053	4563.460	4553.533	4545.439	4540.741	4535.574	4529.491	4530.033	4528.772
41.0	4555.585	4543.626	4531.668	4519.158	4511.731	4505.595	4503.241	4495.366	4495.335	4494.460
41.5	4522.106	4508.939	4497.856	4484.460	4475.772	4471.095	4468.241	4460.772	4460.481	4458.720
42.0	4487.793	4474.803	4463.147	4450.053	4439.866	4435.616	4431.606	4427.845	4425.835	4423.678
42.5	4452.231	4440.710	4427.876	4414.189	4406.512	4400.949	4395.970	4391.366	4390.553	4389.595
43.0	4416.553	4403.710	4391.741	4379.658	4370.491	4364.720	4360.658	4355.085	4354.116	4354.105
43.5	4380.887	4366.970	4355.376	4343.491	4335.001	4328.512	4323.658	4317.991	4317.043	4317.324
44.0	4345.251	4330.866	4315.345	4307.480	4298.241	4290.783	4285.387	4281.730	4280.033	4280.501
44.5	4308.460	4294.980	4279.845	4270.689	4261.470	4253.095	4249.678	4245.866	4243.803	4243.428
45.0	4270.897	4258.689	4245.762	4234.043	4222.730	4216.449	4213.137	4209.012	4207.001	4207.085
45.5	4233.178	4218.741	4207.543	4195.970	4184.908	4178.022	4176.751	4171.887	4169.918	4169.876
46.0	4194.001	4181.720	4167.272	4157.762	4146.835	4141.272	4138.689	4135.741	4131.230	4130.168
46.5	4155.095	4142.866	4130.397	4118.876	4107.866	4103.710	4098.730	4096.220	4092.949	4090.564
47.0	4117.574	4104.939	4093.064	4080.553	4069.220	4063.939	4059.303	4056.553	4053.897	4052.335
47.5	4078.314	4066.439	4054.064	4043.137	4031.199	4024.907	4018.574	4017.449	4012.772	4012.887
48.0	4037.605	4025.501	4011.251	4000.564	3991.532	3983.845	3978.189	3976.657	3972.491	3971.876
48.5	3997.105	3985.907	3971.282	3961.178	3950.376	3943.418	3939.918	3933.887	3933.470	3932.699
49.0	3956.595	3944.616	3930.522	3919.324	3908.960	3903.470	3899.345	3892.866	3891.699	3892.137
49.5	3915.897	3903.960	3890.032	3878.397	3867.199	3861.668	3856.626	3852.210	3849.991	3850.012
50.0	3874.012	3862.741	3847.376	3836.032	3826.616	3818.387	3814.334	3811.147	3810.095	3807.147
50.5	3831.887	3821.084	3807.251	3793.314	3783.522	3780.147	3770.751	3769.449	3767.866	3766.418
51.0	3791.168	3778.855	3763.845	3749.834	3740.970	3737.116	3728.907	3727.199	3726.189	3725.022
51.5	3749.324	3735.376	3722.491	3709.512	3699.616	3691.532	3687.303	3683.512	3683.407	3682.428
52.0	3705.272	3692.845	3676.834	3667.668	3657.022	3648.668	3645.157	3640.782	3638.470	3637.814
52.5	3660.720	3648.699	3634.064	3625.293	3610.022	3606.918	3601.480	3594.001	3594.668	3595.439
53.0	3618.470	3604.584	3589.324	3579.949	3564.991	3562.470	3556.262	3549.741	3551.637	3552.834
53.5	3574.397	3560.116	3547.126	3533.251	3524.386	3516.761	3510.084	3507.220	3506.261	3506.866
54.0	3527.772	3514.605	3501.491	3490.793	3480.793	3473.939	3466.522	3462.803	3462.105	3459.668



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**CANDELA TABULATION - (Cont.)**

54.5	3483.022	3471.084	3456.168	3445.355	3433.220	3428.095	3422.261	3418.345	3417.022	3414.814
55.0	3438.886	3425.053	3409.772	3398.866	3386.949	3381.553	3375.418	3373.011	3371.251	3370.407
55.5	3392.428	3378.116	3364.032	3352.595	3341.720	3336.178	3329.616	3326.064	3324.136	3324.439
56.0	3344.720	3332.803	3317.543	3305.897	3295.709	3288.657	3284.647	3279.324	3276.105	3276.886
56.5	3297.334	3285.345	3271.949	3259.626	3249.876	3240.959	3237.511	3232.574	3230.657	3230.470
57.0	3250.220	3237.188	3223.313	3212.668	3202.741	3193.918	3190.366	3184.845	3182.751	3181.699
57.5	3203.022	3190.011	3177.741	3166.157	3155.647	3146.584	3142.813	3136.063	3133.751	3134.063
58.0	3154.084	3141.938	3130.470	3118.845	3108.053	3098.095	3093.845	3088.376	3087.136	3086.824
58.5	3104.688	3091.970	3081.334	3069.199	3058.220	3050.511	3045.699	3039.720	3038.845	3038.668
59.0	3055.949	3043.334	3032.428	3019.074	3011.230	3001.636	2998.407	2990.011	2989.084	2988.970
59.5	3007.157	2994.615	2982.470	2970.324	2962.813	2952.636	2949.220	2941.147	2939.001	2938.824
60.0	2958.261	2946.626	2931.407	2921.251	2912.095	2902.970	2899.105	2892.147	2890.782	2890.251
60.5	2908.188	2896.553	2883.709	2872.251	2860.032	2853.261	2848.574	2841.845	2841.543	2841.418
61.0	2856.511	2845.501	2831.584	2821.761	2811.272	2801.345	2797.595	2790.897	2789.845	2789.355
61.5	2805.261	2794.043	2781.595	2772.699	2760.511	2751.699	2747.438	2739.188	2739.647	2738.918
62.0	2754.865	2743.303	2728.917	2719.959	2710.251	2701.678	2695.105	2689.615	2690.022	2688.761
62.5	2703.032	2691.167	2677.615	2669.251	2659.449	2650.126	2644.063	2639.553	2637.178	2636.907
63.0	2650.511	2637.386	2628.053	2617.095	2606.834	2596.917	2592.282	2586.615	2586.240	2584.240
63.5	2598.126	2586.417	2574.720	2563.355	2554.490	2545.970	2539.407	2533.240	2533.157	2533.345
64.0	2545.761	2535.272	2522.417	2511.376	2502.480	2492.615	2487.782	2481.167	2480.001	2480.532
64.5	2492.490	2480.803	2469.792	2459.001	2451.032	2440.574	2435.949	2429.522	2427.178	2427.647
65.0	2438.772	2427.615	2416.386	2406.542	2397.782	2387.657	2381.969	2375.949	2375.813	2374.355
65.5	2373.199	2374.438	2363.115	2352.959	2342.303	2334.594	2328.074	2321.782	2322.938	2321.292
66.0	2282.501	2319.105	2307.792	2298.719	2289.917	2281.136	2274.365	2268.407	2268.532	2268.449
66.5	2174.615	2265.167	2254.480	2245.334	2234.938	2226.480	2220.594	2215.824	2214.074	2212.792
67.0	2084.532	2209.094	2200.438	2192.032	2181.011	2172.928	2166.032	2161.824	2160.761	2159.594
67.5	2024.688	2138.178	2146.407	2138.553	2127.771	2118.969	2112.855	2107.990	2106.251	2106.230
68.0	1973.063	2038.261	2088.792	2081.751	2072.271	2065.386	2058.761	2052.324	2050.792	2051.209
68.5	1921.365	1934.751	2035.386	2026.876	2017.824	2010.459	2003.199	1997.657	1997.167	1996.938
69.0	1869.511	1863.115	1980.667	1971.042	1962.876	1955.126	1947.230	1942.969	1941.959	1942.688
69.5	1817.417	1807.688	1922.657	1917.105	1906.344	1897.678	1890.282	1879.011	1885.261	1885.813
70.0	1767.886	1757.553	1854.792	1861.001	1850.157	1843.563	1820.751	1805.761	1819.501	1831.938
70.5	1704.615	1701.376	1766.355	1804.782	1795.834	1785.376	1747.667	1734.584	1747.688	1775.959
71.0	1628.344	1636.907	1700.271	1747.938	1741.365	1711.073	1677.407	1666.469	1676.094	1702.938
71.5	1553.563	1573.105	1633.500	1693.063	1672.303	1631.240	1606.875	1598.011	1604.521	1623.480
72.0	1478.386	1509.292	1566.782	1632.261	1599.428	1552.094	1536.323	1529.532	1532.928	1544.844
72.5	1406.323	1445.698	1499.865	1570.959	1527.084	1472.292	1465.021	1460.355	1460.542	1465.334
73.0	1347.740	1380.428	1434.990	1509.782	1454.605	1414.407	1406.219	1400.938	1401.417	1403.782
73.5	1298.084	1312.198	1383.719	1448.407	1381.709	1363.605	1355.313	1351.042	1349.844	1352.115
74.0	1232.230	1249.136	1329.292	1348.636	1318.386	1310.021	1302.052	1298.615	1296.886	1299.219
74.5	1154.823	1195.605	1258.115	1262.063	1265.136	1256.407	1250.188	1244.938	1244.427	1246.532
75.0	1081.907	1142.011	1172.948	1177.177	1212.646	1205.000	1190.750	1179.427	1187.469	1194.177
75.5	1020.219	1070.813	1108.605	1100.521	1160.375	1151.948	1116.750	1102.136	1118.511	1142.146
76.0	967.636	994.396	1045.667	1045.344	1106.782	1080.532	1035.354	1024.948	1038.146	1080.532
76.5	902.042	932.750	995.417	997.719	1055.657	996.188	971.344	965.073	968.729	1003.407
77.0	834.146	877.407	934.407	939.386	989.240	932.792	922.938	918.063	917.771	931.761
77.5	777.584	818.896	830.438	863.125	892.719	882.375	876.136	872.625	871.042	875.323
78.0	721.656	750.292	753.021	803.334	798.875	833.542	823.573	814.729	820.979	826.386
78.5	656.990	692.865	698.740	744.563	744.542	785.156	757.459	746.031	761.177	779.031
79.0	599.052	637.073	646.396	671.198	702.011	720.854	691.125	683.281	692.448	724.761
79.5	547.636	579.104	585.031	598.250	655.552	652.511	639.917	635.688	636.084	656.094
80.0	493.740	524.011	535.417	546.531	586.334	602.521	595.906	587.615	593.136	598.042
80.5	442.302	458.115	482.000	501.656	512.281	559.927	539.563	529.417	541.781	555.313
81.0	389.094	392.979	406.958	441.427	466.073	499.761	481.854	475.511	482.781	505.156
81.5	335.583	349.292	359.906	378.177	419.938	445.938	436.875	429.823	436.000	447.073
82.0	292.219	300.104	317.104	335.313	356.677	387.781	386.083	380.865	389.063	400.427

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**CANDELA TABULATION - (Cont.)**

82.5	254.969	257.990	275.167	292.136	312.052	330.938	340.792	335.344	341.417	342.823
83.0	215.313	221.031	236.479	253.510	273.229	291.521	297.094	291.490	298.833	293.198
83.5	175.823	183.656	197.688	215.292	233.427	252.813	256.583	252.063	260.896	255.313
84.0	136.323	146.250	158.792	177.010	193.646	211.146	220.854	217.094	224.979	218.104
84.5	96.510	108.698	120.750	138.719	153.844	169.771	184.563	181.583	188.792	180.667
85.0	59.760	73.615	89.698	100.635	113.719	127.469	148.260	146.010	152.594	143.229
85.5	41.083	51.240	62.729	76.490	82.563	96.719	110.823	110.125	115.281	104.708
86.0	34.854	43.021	51.885	62.323	65.906	78.208	87.302	85.740	91.406	81.531
86.5	27.188	33.667	40.563	48.656	52.083	62.021	72.208	68.615	75.667	65.406
87.0	19.510	24.302	29.219	34.885	37.781	45.427	56.042	50.573	58.885	48.323
87.5	11.719	14.802	17.802	21.104	23.469	28.823	39.865	32.500	42.104	31.208
88.0	5.250	6.542	7.281	7.510	8.927	11.552	23.688	14.125	25.313	13.948
88.5	2.385	2.594	2.854	2.833	2.719	2.802	6.708	3.188	7.740	4.719
89.0	1.521	1.552	1.438	1.271	1.115	0.990	0.260	0.729	0.479	1.385
89.5	0.833	0.844	0.823	0.813	0.740	0.708	0.688	0.604	0.573	0.573
90.0	0.573	0.531	0.531	0.563	0.583	0.594	0.594	0.573	0.573	0.573
90.5	0.521	0.542	0.563	0.573	0.573	0.573	0.573	0.573	0.573	0.573
91.0	0.552	0.573	0.583	0.594	0.604	0.604	0.604	0.604	0.604	0.604
91.5	0.573	0.594	0.615	0.625	0.625	0.625	0.625	0.625	0.625	0.625
92.0	0.604	0.625	0.635	0.646	0.656	0.656	0.646	0.646	0.646	0.646
92.5	0.625	0.646	0.667	0.677	0.677	0.677	0.677	0.677	0.677	0.677
93.0	0.656	0.677	0.688	0.698	0.708	0.708	0.698	0.698	0.698	0.698
93.5	0.677	0.698	0.719	0.729	0.729	0.729	0.729	0.729	0.729	0.729
94.0	0.708	0.729	0.750	0.760	0.760	0.760	0.750	0.750	0.750	0.750
94.5	0.729	0.760	0.771	0.781	0.781	0.781	0.781	0.781	0.781	0.781
95.0	0.760	0.792	0.802	0.813	0.813	0.813	0.802	0.813	0.802	0.813
95.5	0.781	0.833	0.823	0.833	0.833	0.833	0.833	0.833	0.833	0.833
96.0	0.813	0.865	0.854	0.865	0.865	0.865	0.854	0.865	0.865	0.865
96.5	0.844	0.885	0.896	0.896	0.885	0.885	0.885	0.885	0.885	0.885
97.0	0.875	0.906	0.927	0.917	0.917	0.917	0.917	0.917	0.917	0.917
97.5	0.896	0.927	0.958	0.948	0.938	0.938	0.938	0.938	0.938	0.938
98.0	0.917	0.958	0.979	0.990	0.969	0.969	0.969	0.969	0.969	0.969
98.5	0.948	0.979	1.010	1.021	1.000	0.990	0.990	0.990	0.990	0.990
99.0	0.969	1.000	1.031	1.052	1.031	1.021	1.021	1.021	1.021	1.021
99.5	0.990	1.021	1.052	1.073	1.063	1.052	1.042	1.042	1.042	1.042
100.0	1.021	1.052	1.083	1.104	1.094	1.083	1.073	1.073	1.073	1.083
100.5	1.052	1.083	1.115	1.135	1.125	1.115	1.104	1.104	1.104	1.115
101.0	1.083	1.115	1.135	1.167	1.156	1.146	1.135	1.146	1.135	1.146
101.5	1.115	1.135	1.167	1.188	1.188	1.177	1.167	1.177	1.167	1.177
102.0	1.146	1.167	1.198	1.219	1.219	1.208	1.198	1.198	1.198	1.208
102.5	1.177	1.198	1.219	1.250	1.240	1.240	1.229	1.229	1.240	1.240
103.0	1.208	1.229	1.250	1.281	1.271	1.271	1.271	1.271	1.271	1.271
103.5	1.250	1.260	1.281	1.313	1.302	1.302	1.302	1.302	1.302	1.313
104.0	1.281	1.292	1.313	1.344	1.333	1.333	1.333	1.333	1.333	1.344
104.5	1.313	1.323	1.344	1.375	1.365	1.365	1.365	1.365	1.375	1.375
105.0	1.344	1.354	1.375	1.406	1.406	1.396	1.396	1.406	1.406	1.417
105.5	1.375	1.396	1.417	1.438	1.438	1.438	1.438	1.438	1.438	1.448
106.0	1.417	1.427	1.448	1.469	1.479	1.469	1.469	1.469	1.479	1.490
106.5	1.448	1.458	1.479	1.510	1.510	1.510	1.510	1.510	1.510	1.521
107.0	1.469	1.490	1.510	1.542	1.542	1.542	1.542	1.542	1.542	1.552
107.5	1.500	1.510	1.542	1.573	1.573	1.573	1.583	1.583	1.573	1.583
108.0	1.521	1.542	1.573	1.604	1.604	1.604	1.615	1.615	1.604	1.615
108.5	1.542	1.563	1.594	1.625	1.635	1.635	1.646	1.646	1.635	1.646
109.0	1.563	1.583	1.615	1.646	1.656	1.667	1.677	1.677	1.667	1.677
109.5	1.583	1.615	1.635	1.667	1.688	1.698	1.708	1.708	1.698	1.698
110.0	1.604	1.635	1.656	1.688	1.708	1.719	1.729	1.729	1.719	1.719

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : GSL MD 5 UV CL 850.IES**

**CANDELA TABULATION - (Cont.)**

110.5	1.625	1.656	1.677	1.708	1.719	1.740	1.750	1.750	1.740	1.740
111.0	1.646	1.677	1.698	1.729	1.740	1.760	1.781	1.781	1.771	1.760
111.5	1.667	1.698	1.719	1.750	1.760	1.781	1.802	1.802	1.792	1.781
112.0	1.688	1.719	1.740	1.771	1.781	1.802	1.823	1.823	1.802	1.802
112.5	1.708	1.740	1.760	1.792	1.802	1.813	1.833	1.844	1.823	1.823
113.0	1.729	1.760	1.781	1.813	1.823	1.833	1.844	1.854	1.844	1.844
113.5	1.750	1.781	1.802	1.833	1.854	1.865	1.865	1.875	1.865	1.865
114.0	1.771	1.802	1.823	1.854	1.875	1.885	1.885	1.885	1.885	1.885
114.5	1.792	1.823	1.854	1.875	1.896	1.906	1.906	1.906	1.906	1.906
115.0	1.813	1.833	1.875	1.896	1.917	1.927	1.927	1.927	1.917	1.927
115.5	1.833	1.865	1.896	1.917	1.938	1.948	1.948	1.948	1.938	1.948
116.0	1.865	1.885	1.917	1.938	1.958	1.969	1.969	1.969	1.958	1.958
116.5	1.885	1.906	1.938	1.958	1.979	1.990	1.990	1.990	1.979	1.979
117.0	1.906	1.927	1.958	1.979	1.990	2.010	2.010	2.010	2.000	2.000
117.5	1.938	1.958	1.979	2.000	2.010	2.031	2.042	2.031	2.021	2.021
118.0	1.958	1.990	2.000	2.021	2.031	2.052	2.063	2.052	2.042	2.042
118.5	1.990	2.010	2.021	2.042	2.052	2.073	2.083	2.073	2.063	2.063
119.0	2.010	2.031	2.052	2.063	2.073	2.083	2.104	2.094	2.083	2.083
119.5	2.042	2.052	2.073	2.083	2.094	2.104	2.125	2.115	2.104	2.104
120.0	2.063	2.083	2.104	2.104	2.115	2.135	2.135	2.135	2.125	2.125
120.5	2.094	2.104	2.135	2.125	2.135	2.156	2.156	2.156	2.156	2.146
121.0	2.115	2.135	2.156	2.156	2.167	2.177	2.177	2.177	2.177	2.167
121.5	2.156	2.156	2.188	2.177	2.198	2.198	2.208	2.198	2.198	2.188
122.0	2.188	2.188	2.219	2.208	2.219	2.219	2.229	2.229	2.219	2.208
122.5	2.219	2.219	2.250	2.229	2.250	2.240	2.260	2.250	2.240	2.240
123.0	2.250	2.260	2.292	2.260	2.281	2.271	2.281	2.281	2.271	2.260
123.5	2.292	2.292	2.323	2.292	2.302	2.313	2.302	2.313	2.292	2.292
124.0	2.323	2.323	2.354	2.333	2.344	2.344	2.333	2.344	2.323	2.323
124.5	2.354	2.354	2.385	2.375	2.375	2.375	2.365	2.375	2.344	2.354
125.0	2.396	2.396	2.417	2.417	2.406	2.417	2.396	2.406	2.375	2.385
125.5	2.427	2.427	2.458	2.458	2.448	2.458	2.448	2.438	2.417	2.427
126.0	2.469	2.469	2.490	2.510	2.490	2.500	2.490	2.479	2.458	2.458
126.5	2.500	2.521	2.531	2.563	2.531	2.542	2.542	2.531	2.490	2.500
127.0	2.542	2.563	2.583	2.615	2.583	2.583	2.583	2.594	2.531	2.542
127.5	2.583	2.604	2.625	2.667	2.635	2.625	2.625	2.646	2.573	2.583
128.0	2.635	2.656	2.677	2.708	2.698	2.667	2.667	2.688	2.615	2.625
128.5	2.688	2.708	2.729	2.760	2.750	2.719	2.719	2.740	2.656	2.677
129.0	2.729	2.760	2.771	2.802	2.802	2.771	2.771	2.781	2.708	2.729
129.5	2.781	2.813	2.823	2.844	2.865	2.823	2.823	2.823	2.760	2.781
130.0	2.833	2.875	2.865	2.885	2.917	2.875	2.875	2.875	2.823	2.844
130.5	2.885	2.927	2.917	2.927	2.969	2.938	2.938	2.927	2.875	2.906
131.0	2.938	2.979	2.969	2.979	3.010	3.000	3.000	2.990	2.927	2.969
131.5	2.979	3.031	3.021	3.021	3.052	3.052	3.052	3.042	2.990	3.031
132.0	3.031	3.083	3.073	3.083	3.104	3.115	3.104	3.104	3.042	3.094
132.5	3.083	3.146	3.135	3.146	3.146	3.177	3.167	3.167	3.104	3.135
133.0	3.135	3.198	3.188	3.208	3.198	3.219	3.240	3.219	3.177	3.167
133.5	3.198	3.250	3.250	3.271	3.250	3.260	3.302	3.281	3.229	3.198
134.0	3.250	3.313	3.323	3.333	3.302	3.313	3.354	3.333	3.281	3.240
134.5	3.313	3.365	3.396	3.396	3.365	3.365	3.396	3.385	3.323	3.271
135.0	3.375	3.427	3.469	3.458	3.438	3.406	3.438	3.427	3.365	3.313
135.5	3.427	3.469	3.531	3.521	3.500	3.458	3.479	3.469	3.406	3.344
136.0	3.479	3.521	3.594	3.573	3.563	3.500	3.531	3.500	3.458	3.375
136.5	3.531	3.573	3.656	3.635	3.625	3.542	3.573	3.542	3.500	3.406
137.0	3.583	3.625	3.708	3.688	3.688	3.604	3.615	3.563	3.542	3.438
137.5	3.635	3.677	3.771	3.750	3.740	3.667	3.656	3.594	3.583	3.479
138.0	3.677	3.729	3.823	3.802	3.792	3.719	3.698	3.635	3.635	3.521

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : GSL MD 5 UV CL 850.IES**

**CANDELA TABULATION - (Cont.)**

138.5	3.729	3.771	3.875	3.865	3.844	3.771	3.750	3.677	3.677	3.563
139.0	3.771	3.823	3.927	3.917	3.896	3.823	3.802	3.719	3.719	3.604
139.5	3.823	3.875	3.969	3.979	3.938	3.875	3.854	3.771	3.760	3.646
140.0	3.865	3.927	4.021	4.031	3.990	3.927	3.896	3.813	3.813	3.698
140.5	3.906	3.969	4.063	4.094	4.042	3.979	3.948	3.875	3.854	3.750
141.0	3.958	4.021	4.104	4.146	4.083	4.021	3.990	3.927	3.896	3.813
141.5	4.000	4.063	4.146	4.188	4.135	4.073	4.031	3.979	3.927	3.875
142.0	4.052	4.115	4.188	4.250	4.177	4.115	4.073	4.021	3.969	3.927
142.5	4.094	4.156	4.229	4.292	4.229	4.156	4.115	4.073	4.010	3.979
143.0	4.146	4.198	4.260	4.344	4.281	4.208	4.146	4.115	4.052	4.031
143.5	4.188	4.240	4.302	4.385	4.333	4.250	4.188	4.156	4.094	4.083
144.0	4.240	4.281	4.333	4.417	4.375	4.302	4.219	4.188	4.135	4.125
144.5	4.281	4.323	4.375	4.448	4.417	4.344	4.260	4.229	4.177	4.156
145.0	4.323	4.365	4.406	4.479	4.458	4.385	4.292	4.281	4.208	4.198
145.5	4.365	4.396	4.438	4.500	4.490	4.427	4.323	4.323	4.240	4.240
146.0	4.406	4.427	4.469	4.531	4.521	4.469	4.354	4.375	4.260	4.281
146.5	4.448	4.458	4.490	4.552	4.552	4.500	4.385	4.417	4.281	4.323
147.0	4.479	4.479	4.521	4.573	4.563	4.531	4.406	4.458	4.292	4.365
147.5	4.510	4.500	4.552	4.594	4.573	4.552	4.438	4.490	4.292	4.406
148.0	4.531	4.521	4.573	4.604	4.594	4.573	4.469	4.521	4.302	4.438
148.5	4.552	4.531	4.594	4.615	4.604	4.583	4.490	4.542	4.323	4.469
149.0	4.563	4.552	4.615	4.635	4.604	4.594	4.510	4.542	4.344	4.479
149.5	4.573	4.573	4.646	4.646	4.615	4.604	4.521	4.521	4.365	4.500
150.0	4.583	4.594	4.656	4.656	4.635	4.604	4.531	4.490	4.396	4.510
150.5	4.604	4.615	4.677	4.667	4.646	4.615	4.531	4.458	4.438	4.521
151.0	4.604	4.635	4.698	4.677	4.656	4.615	4.521	4.427	4.458	4.531
151.5	4.615	4.667	4.708	4.688	4.656	4.615	4.510	4.417	4.479	4.542
152.0	4.615	4.688	4.719	4.698	4.667	4.615	4.490	4.406	4.500	4.552
152.5	4.625	4.719	4.729	4.698	4.667	4.615	4.479	4.427	4.510	4.573
153.0	4.635	4.740	4.729	4.698	4.667	4.615	4.458	4.458	4.521	4.573
153.5	4.646	4.760	4.740	4.708	4.667	4.604	4.448	4.490	4.521	4.583
154.0	4.667	4.771	4.740	4.708	4.656	4.594	4.458	4.521	4.521	4.573
154.5	4.677	4.781	4.740	4.708	4.656	4.583	4.469	4.542	4.521	4.563
155.0	4.688	4.792	4.740	4.708	4.656	4.583	4.479	4.531	4.521	4.552
155.5	4.688	4.792	4.750	4.708	4.646	4.573	4.500	4.510	4.531	4.521
156.0	4.688	4.781	4.750	4.708	4.646	4.573	4.521	4.500	4.531	4.500
156.5	4.688	4.771	4.750	4.708	4.646	4.573	4.531	4.479	4.542	4.469
157.0	4.688	4.771	4.750	4.708	4.646	4.573	4.542	4.458	4.542	4.458
157.5	4.688	4.771	4.760	4.708	4.646	4.573	4.552	4.448	4.542	4.458
158.0	4.688	4.760	4.781	4.729	4.656	4.573	4.563	4.438	4.542	4.458
158.5	4.688	4.760	4.792	4.740	4.667	4.583	4.563	4.427	4.542	4.469
159.0	4.688	4.760	4.802	4.760	4.677	4.594	4.563	4.417	4.531	4.479
159.5	4.688	4.760	4.813	4.771	4.688	4.604	4.552	4.417	4.521	4.479
160.0	4.677	4.750	4.823	4.781	4.698	4.615	4.552	4.417	4.510	4.490
160.5	4.677	4.750	4.833	4.792	4.708	4.615	4.552	4.427	4.490	4.479
161.0	4.667	4.740	4.833	4.802	4.719	4.615	4.563	4.427	4.479	4.469
161.5	4.646	4.719	4.833	4.813	4.729	4.625	4.563	4.417	4.469	4.448
162.0	4.635	4.698	4.823	4.823	4.740	4.635	4.552	4.417	4.448	4.438
162.5	4.615	4.688	4.813	4.823	4.750	4.635	4.552	4.417	4.438	4.427
163.0	4.604	4.667	4.792	4.823	4.760	4.635	4.542	4.427	4.427	4.417
163.5	4.604	4.667	4.781	4.823	4.760	4.646	4.531	4.427	4.417	4.406
164.0	4.604	4.656	4.771	4.823	4.760	4.646	4.531	4.448	4.406	4.396
164.5	4.615	4.656	4.760	4.813	4.771	4.656	4.531	4.458	4.406	4.396
165.0	4.615	4.656	4.750	4.813	4.781	4.667	4.531	4.479	4.406	4.406
165.5	4.625	4.667	4.740	4.813	4.792	4.677	4.542	4.500	4.417	4.417
166.0	4.646	4.677	4.750	4.813	4.792	4.688	4.552	4.510	4.438	4.427

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : GSL MD 5 UV CL 850.IES**

**CANDELA TABULATION - (Cont.)**

166.5	4.656	4.688	4.750	4.813	4.802	4.708	4.552	4.510	4.458	4.427
167.0	4.667	4.708	4.750	4.813	4.802	4.719	4.563	4.521	4.479	4.427
167.5	4.688	4.719	4.760	4.802	4.802	4.729	4.563	4.531	4.510	4.427
168.0	4.688	4.729	4.760	4.802	4.802	4.729	4.573	4.542	4.531	4.438
168.5	4.698	4.740	4.760	4.792	4.813	4.740	4.573	4.552	4.552	4.438
169.0	4.698	4.740	4.771	4.792	4.813	4.750	4.583	4.552	4.573	4.438
169.5	4.698	4.729	4.760	4.781	4.813	4.760	4.583	4.563	4.594	4.448
170.0	4.688	4.729	4.760	4.781	4.823	4.771	4.594	4.573	4.615	4.448
170.5	4.698	4.740	4.760	4.771	4.823	4.781	4.594	4.583	4.635	4.448
171.0	4.729	4.750	4.760	4.771	4.823	4.792	4.604	4.594	4.667	4.458
171.5	4.760	4.771	4.750	4.771	4.833	4.792	4.604	4.604	4.688	4.458
172.0	4.771	4.771	4.750	4.760	4.833	4.802	4.615	4.615	4.708	4.469
172.5	4.781	4.771	4.740	4.760	4.833	4.813	4.615	4.615	4.729	4.479
173.0	4.792	4.771	4.740	4.760	4.844	4.823	4.625	4.625	4.750	4.479
173.5	4.792	4.771	4.740	4.750	4.844	4.823	4.625	4.635	4.771	4.490
174.0	4.802	4.771	4.729	4.750	4.854	4.833	4.635	4.646	4.792	4.500
174.5	4.802	4.771	4.719	4.750	4.854	4.833	4.635	4.656	4.813	4.510
175.0	4.802	4.771	4.719	4.750	4.865	4.844	4.646	4.667	4.833	4.531
175.5	4.802	4.771	4.708	4.760	4.875	4.844	4.646	4.667	4.865	4.542
176.0	4.802	4.760	4.698	4.760	4.885	4.854	4.656	4.677	4.885	4.563
176.5	4.802	4.760	4.688	4.771	4.896	4.854	4.656	4.688	4.896	4.594
177.0	4.802	4.750	4.677	4.781	4.906	4.844	4.656	4.698	4.917	4.625
177.5	4.792	4.729	4.677	4.802	4.927	4.833	4.667	4.708	4.938	4.677
178.0	4.781	4.698	4.698	4.833	4.948	4.823	4.667	4.719	4.948	4.740
178.5	4.740	4.667	4.740	4.875	4.958	4.792	4.677	4.719	4.958	4.823
179.0	4.656	4.719	4.833	4.948	4.927	4.750	4.677	4.729	4.948	4.948
179.5	4.875	4.948	4.979	4.896	4.771	4.688	4.688	4.740	4.896	5.031
180.0	4.750	4.750	4.750	4.750	4.750	4.750	4.750	4.750	4.750	4.750

**Vert. Angles**      **Horizontal Angles**

	<u>300</u>	<u>310</u>	<u>320</u>	<u>330</u>	<u>340</u>	<u>350</u>	<u>360</u>
0.0	5942.148	5942.148	5942.148	5942.148	5942.148	5942.148	5942.148
0.5	5941.543	5941.460	5941.554	5941.825	5942.158	5942.252	5941.835
1.0	5939.543	5939.471	5939.752	5940.210	5941.398	5940.658	5940.512
1.5	5937.377	5937.210	5938.554	5938.679	5938.075	5939.710	5939.814
2.0	5935.960	5934.408	5935.752	5937.002	5936.512	5935.846	5937.137
2.5	5933.262	5931.835	5933.106	5934.773	5934.366	5934.075	5934.606
3.0	5929.898	5929.168	5930.293	5931.741	5931.491	5931.273	5931.866
3.5	5925.804	5926.377	5926.179	5928.221	5928.262	5928.846	5929.189
4.0	5921.471	5923.179	5921.793	5924.418	5925.221	5924.971	5927.106
4.5	5917.793	5918.262	5917.971	5920.460	5921.512	5920.856	5923.002
5.0	5913.012	5913.762	5913.158	5915.939	5916.408	5916.304	5918.116
5.5	5906.439	5907.241	5909.075	5911.158	5912.491	5912.887	5912.825
6.0	5900.658	5900.960	5902.314	5905.064	5907.950	5908.471	5907.960
6.5	5894.689	5895.085	5897.023	5899.002	5901.637	5903.033	5903.127
7.0	5889.616	5889.158	5890.846	5892.533	5894.064	5895.939	5897.575
7.5	5883.585	5882.741	5883.981	5886.064	5887.564	5888.575	5890.783
8.0	5876.200	5876.148	5877.283	5879.252	5881.585	5881.929	5883.710
8.5	5868.616	5868.627	5869.471	5871.575	5874.262	5874.648	5877.252
9.0	5859.283	5859.960	5860.512	5863.950	5866.741	5866.918	5870.137
9.5	5850.606	5852.325	5852.523	5855.752	5858.377	5858.533	5862.533
10.0	5842.387	5844.096	5844.616	5846.616	5850.148	5850.950	5854.564
10.5	5833.064	5835.033	5834.606	5837.523	5841.471	5841.898	5845.731
11.0	5822.137	5825.939	5825.950	5828.033	5831.710	5833.221	5836.804
11.5	5811.283	5815.231	5816.085	5818.085	5821.898	5824.804	5826.991

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**CANDELA TABULATION - (Cont.)**

12.0	5800.293	5805.377	5805.846	5807.960	5811.950	5815.429	5817.877
12.5	5789.137	5793.148	5793.366	5796.366	5802.335	5803.627	5807.064
13.0	5778.554	5782.658	5783.189	5785.127	5792.648	5793.575	5795.960
13.5	5766.835	5770.918	5772.960	5774.335	5779.658	5782.231	5785.179
14.0	5753.387	5757.002	5759.835	5761.773	5766.585	5771.200	5774.564
14.5	5740.471	5744.512	5746.460	5749.481	5755.304	5758.741	5763.168
15.0	5726.752	5732.095	5733.731	5738.158	5743.387	5745.658	5750.783
15.5	5714.502	5718.460	5720.804	5726.637	5730.345	5732.689	5737.721
16.0	5700.835	5705.648	5706.606	5712.523	5716.543	5719.460	5723.835
16.5	5687.189	5691.866	5693.189	5698.345	5702.783	5705.356	5710.304
17.0	5672.481	5678.293	5679.595	5683.335	5689.179	5691.543	5696.314
17.5	5658.450	5663.345	5665.533	5669.741	5673.960	5677.189	5682.023
18.0	5642.804	5647.929	5649.887	5655.273	5658.512	5662.710	5666.762
18.5	5626.835	5631.606	5633.470	5638.783	5643.627	5646.356	5652.095
19.0	5609.575	5614.220	5617.825	5623.345	5627.814	5629.064	5636.856
19.5	5591.877	5596.543	5600.543	5607.231	5611.116	5612.804	5621.356
20.0	5575.304	5578.325	5583.054	5591.273	5595.012	5597.627	5604.804
20.5	5557.783	5561.085	5567.127	5573.939	5578.127	5581.356	5588.366
21.0	5540.960	5544.814	5550.408	5554.450	5559.835	5565.064	5570.293
21.5	5523.075	5527.856	5531.168	5534.668	5542.752	5546.898	5553.189
22.0	5505.606	5509.398	5511.595	5517.689	5525.387	5528.283	5535.398
22.5	5488.648	5490.523	5493.148	5499.585	5506.606	5508.408	5516.418
23.0	5467.752	5470.189	5474.398	5478.731	5486.064	5489.804	5498.064
23.5	5449.147	5449.720	5453.116	5458.741	5466.429	5471.439	5480.252
24.0	5428.887	5428.397	5432.720	5437.856	5446.950	5452.179	5460.783
24.5	5408.908	5408.481	5413.418	5417.856	5425.825	5431.772	5440.043
25.0	5387.064	5389.335	5392.481	5397.804	5404.710	5410.418	5419.283
25.5	5364.564	5366.179	5370.283	5377.647	5383.825	5389.147	5398.283
26.0	5343.387	5342.606	5349.689	5357.616	5363.647	5368.554	5376.439
26.5	5322.075	5321.210	5327.689	5335.554	5341.731	5345.231	5355.491
27.0	5297.866	5299.522	5305.658	5312.647	5318.345	5324.085	5333.429
27.5	5274.231	5274.960	5281.647	5289.116	5296.158	5302.137	5310.387
28.0	5251.231	5251.689	5259.647	5266.043	5272.700	5279.710	5286.939
28.5	5226.887	5229.502	5236.116	5243.210	5247.043	5255.408	5263.043
29.0	5202.304	5205.554	5210.356	5218.939	5223.356	5232.918	5239.106
29.5	5179.262	5180.981	5186.095	5193.220	5200.700	5208.491	5214.387
30.0	5155.533	5155.793	5161.418	5168.106	5176.106	5185.127	5190.158
30.5	5129.731	5130.095	5136.960	5143.085	5150.793	5158.231	5165.866
31.0	5103.752	5103.887	5110.752	5116.574	5125.064	5132.606	5140.314
31.5	5076.199	5077.147	5086.033	5089.574	5098.272	5106.491	5112.877
32.0	5049.293	5049.689	5059.616	5063.772	5072.127	5081.512	5086.772
32.5	5022.627	5023.033	5032.293	5037.408	5044.814	5054.668	5060.720
33.0	4994.012	4995.210	5004.512	5008.231	5016.095	5026.710	5033.377
33.5	4965.272	4966.783	4976.929	4979.220	4990.064	4998.679	5005.981
34.0	4937.918	4939.324	4949.262	4953.460	4963.543	4970.543	4978.595
34.5	4908.804	4911.043	4919.033	4925.189	4934.543	4941.647	4949.637
35.0	4880.845	4882.616	4890.251	4893.689	4903.179	4913.366	4920.168
35.5	4849.835	4853.741	4860.699	4864.543	4873.012	4883.991	4891.762
36.0	4818.366	4822.585	4829.460	4835.283	4844.960	4853.001	4862.439
36.5	4788.283	4792.210	4799.731	4804.835	4815.012	4822.866	4832.283
37.0	4759.199	4760.460	4768.001	4773.012	4784.293	4792.699	4802.397
37.5	4727.356	4728.304	4737.085	4743.210	4753.210	4761.012	4771.762
38.0	4694.543	4697.741	4704.658	4711.939	4722.012	4731.116	4740.574
38.5	4662.658	4666.679	4671.595	4680.085	4690.439	4699.783	4708.418
39.0	4631.501	4634.699	4640.553	4647.897	4657.460	4666.439	4675.335
39.5	4597.866	4601.283	4608.564	4616.293	4624.106	4632.574	4643.189

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**CANDELA TABULATION - (Cont.)**

40.0	4564.564	4567.147	4574.043	4581.647	4590.439	4600.178	4609.533
40.5	4529.897	4533.418	4541.220	4547.960	4557.210	4566.751	4576.418
41.0	4495.637	4498.699	4506.522	4514.543	4523.960	4534.408	4542.387
41.5	4461.001	4463.637	4471.491	4480.835	4491.168	4498.981	4507.251
42.0	4425.897	4429.762	4435.303	4445.783	4455.314	4462.616	4473.356
42.5	4389.147	4393.106	4400.616	4410.324	4419.376	4427.001	4437.564
43.0	4353.887	4357.105	4364.522	4375.814	4384.585	4393.418	4401.012
43.5	4318.574	4320.366	4330.293	4337.116	4348.168	4355.991	4365.126
44.0	4283.449	4283.147	4291.251	4299.199	4311.470	4318.001	4328.730
44.5	4245.085	4247.533	4255.980	4265.158	4273.251	4281.949	4292.168
45.0	4208.803	4210.741	4218.408	4226.918	4234.980	4245.314	4254.762
45.5	4168.658	4173.803	4180.116	4187.199	4199.189	4206.199	4216.720
46.0	4129.241	4134.428	4143.314	4148.647	4161.689	4168.418	4179.699
46.5	4091.460	4094.741	4103.991	4111.095	4122.126	4131.033	4140.220
47.0	4052.835	4054.345	4065.480	4073.710	4082.887	4089.824	4102.824
47.5	4013.543	4015.751	4024.449	4034.314	4044.210	4051.095	4062.147
48.0	3973.803	3976.710	3984.751	3992.626	4003.782	4013.439	4021.793
48.5	3934.543	3936.189	3944.574	3951.262	3962.439	3971.939	3980.960
49.0	3891.689	3895.803	3903.741	3910.626	3922.897	3929.397	3940.262
49.5	3850.782	3853.970	3862.168	3870.824	3882.480	3889.522	3897.449
50.0	3810.012	3811.616	3821.178	3828.991	3840.803	3847.032	3856.710
50.5	3766.032	3770.230	3780.876	3786.772	3798.730	3803.970	3814.366
51.0	3723.282	3728.147	3734.262	3744.397	3756.053	3762.730	3772.616
51.5	3681.178	3686.241	3692.605	3701.241	3712.293	3720.262	3727.626
52.0	3637.928	3642.449	3650.220	3658.032	3666.272	3677.657	3685.407
52.5	3596.053	3598.428	3607.991	3614.074	3622.387	3633.501	3641.157
53.0	3550.439	3552.470	3563.824	3570.074	3579.199	3589.397	3598.355
53.5	3504.522	3508.595	3516.491	3526.407	3534.230	3544.834	3553.272
54.0	3461.886	3465.855	3472.324	3478.480	3489.626	3499.626	3508.032
54.5	3416.480	3419.386	3427.334	3434.189	3444.324	3454.157	3462.730
55.0	3368.407	3375.689	3382.876	3390.418	3399.511	3407.782	3416.991
55.5	3322.303	3328.584	3334.043	3344.136	3352.834	3361.470	3371.272
56.0	3276.761	3281.584	3289.282	3295.814	3305.855	3314.314	3324.064
56.5	3233.126	3236.043	3240.491	3249.241	3260.522	3269.855	3276.699
57.0	3184.334	3188.011	3194.855	3202.334	3211.824	3221.866	3228.907
57.5	3134.511	3139.136	3146.522	3154.334	3162.730	3173.334	3181.001
58.0	3088.376	3092.459	3098.220	3106.136	3115.261	3125.688	3132.209
58.5	3041.157	3044.022	3049.553	3057.095	3067.084	3077.491	3082.980
59.0	2990.303	2994.011	3000.595	3008.543	3018.251	3027.188	3033.699
59.5	2941.386	2945.011	2952.334	2958.803	2968.115	2978.657	2984.428
60.0	2893.168	2896.157	2903.459	2909.709	2918.428	2929.980	2935.011
60.5	2843.355	2845.886	2853.803	2860.418	2868.657	2879.438	2884.699
61.0	2791.918	2794.615	2802.001	2809.605	2818.001	2828.115	2833.115
61.5	2741.959	2745.282	2751.605	2758.636	2767.824	2776.282	2781.740
62.0	2691.876	2693.970	2701.345	2707.605	2716.345	2724.345	2731.084
62.5	2640.272	2643.240	2648.990	2656.084	2663.845	2672.688	2679.803
63.0	2586.417	2590.095	2597.553	2602.147	2611.792	2622.501	2626.449
63.5	2534.876	2538.595	2545.709	2552.688	2560.345	2569.907	2573.959
64.0	2482.282	2487.970	2492.907	2499.376	2508.938	2516.313	2513.084
64.5	2429.678	2433.969	2439.230	2446.126	2455.053	2453.897	2416.449
65.0	2378.261	2380.355	2386.542	2393.376	2401.980	2353.761	2291.480
65.5	2324.313	2327.667	2334.615	2339.897	2343.272	2232.969	2209.501
66.0	2269.219	2273.980	2280.792	2284.782	2251.719	2150.261	2150.438
66.5	2216.563	2219.334	2225.511	2229.792	2136.292	2095.646	2098.667
67.0	2162.178	2166.126	2172.292	2176.428	2046.084	2045.469	2046.969
67.5	2108.907	2112.032	2118.969	2114.480	1986.782	1993.907	1996.678

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**CANDELA TABULATION - (Cont.)**

68.0	2053.917	2056.782	2062.824	2017.761	1936.271	1943.688	1944.615
68.5	1998.719	2002.449	2007.553	1902.876	1886.615	1892.292	1892.230
69.0	1944.969	1947.240	1951.417	1829.855	1834.938	1838.084	1838.761
69.5	1889.292	1891.657	1896.126	1774.615	1782.271	1781.740	1756.407
70.0	1833.553	1835.292	1837.521	1723.698	1720.021	1709.636	1667.042
70.5	1777.855	1780.605	1762.501	1668.792	1650.011	1633.032	1592.500
71.0	1723.386	1725.657	1686.803	1604.730	1580.959	1557.230	1529.875
71.5	1658.001	1669.407	1611.146	1541.365	1511.865	1481.188	1467.928
72.0	1589.594	1613.073	1535.146	1477.990	1442.886	1419.500	1414.646
72.5	1521.615	1556.761	1461.750	1414.698	1375.292	1368.334	1360.615
73.0	1453.521	1500.761	1409.230	1349.105	1317.052	1307.980	1281.250
73.5	1385.365	1444.438	1357.073	1284.750	1266.042	1230.605	1207.813
74.0	1312.730	1348.980	1303.552	1226.750	1199.230	1162.344	1140.646
74.5	1250.834	1253.386	1235.594	1165.875	1123.271	1093.334	1078.313
75.0	1197.844	1180.271	1148.844	1112.063	1054.979	1037.188	1024.344
75.5	1145.032	1103.907	1085.396	1042.729	994.209	978.875	957.917
76.0	1092.386	1032.177	1026.552	970.136	937.521	910.063	892.386
76.5	1040.792	977.032	969.229	910.323	874.104	849.667	829.834
77.0	988.313	926.396	915.094	850.334	812.042	789.427	770.115
77.5	914.282	851.646	835.927	792.052	751.823	731.677	712.021
78.0	810.313	786.563	754.344	730.281	693.615	670.052	653.959
78.5	734.979	733.865	679.167	672.531	636.531	609.886	595.875
79.0	689.771	677.469	626.802	613.646	574.761	558.604	537.740
79.5	647.781	599.615	568.490	559.167	520.813	503.104	479.667
80.0	596.563	533.854	516.281	504.740	468.969	451.792	428.781
80.5	520.333	486.386	466.917	448.344	418.615	397.542	378.375
81.0	457.542	440.521	406.990	386.292	367.844	352.479	328.771
81.5	417.188	379.344	344.886	329.354	319.573	301.698	287.458
82.0	362.448	324.552	299.844	283.458	277.542	259.240	247.594
82.5	309.104	281.333	262.010	244.708	237.510	222.938	212.469
83.0	267.958	241.490	223.969	209.708	200.385	186.760	175.198
83.5	229.104	201.719	185.917	174.375	162.906	150.458	136.865
84.0	189.865	161.917	147.656	138.990	125.333	114.146	99.333
84.5	150.583	122.063	111.260	103.740	90.427	80.927	65.333
85.0	111.354	93.208	87.646	72.042	59.896	50.135	53.198
85.5	82.417	72.458	60.833	46.792	33.260	23.667	41.438
86.0	60.271	51.594	51.875	29.635	20.594	16.115	29.625
86.5	47.896	41.677	42.396	25.177	17.844	13.885	17.823
87.0	37.750	32.635	32.917	19.729	13.927	10.875	14.906
87.5	27.240	23.438	23.427	14.271	9.990	7.875	9.740
88.0	16.729	14.250	13.896	8.750	6.010	4.844	7.865
88.5	5.906	5.292	5.188	3.844	2.698	2.208	6.031
89.0	1.302	1.552	1.563	1.406	1.365	1.448	4.188
89.5	0.698	0.896	1.063	1.073	1.052	1.063	2.354
90.0	0.583	0.594	0.635	0.667	0.646	0.635	0.510
90.5	0.573	0.563	0.552	0.531	0.521	0.521	0.448
91.0	0.604	0.594	0.583	0.573	0.552	0.542	0.469
91.5	0.625	0.615	0.604	0.594	0.573	0.573	0.490
92.0	0.646	0.646	0.635	0.615	0.604	0.594	0.510
92.5	0.677	0.667	0.656	0.646	0.625	0.615	0.531
93.0	0.698	0.698	0.688	0.667	0.656	0.646	0.552
93.5	0.729	0.729	0.708	0.698	0.677	0.667	0.573
94.0	0.750	0.750	0.740	0.729	0.708	0.698	0.604
94.5	0.781	0.771	0.771	0.750	0.740	0.729	0.625
95.0	0.802	0.802	0.792	0.781	0.760	0.760	0.646
95.5	0.833	0.823	0.813	0.823	0.792	0.781	0.667



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**CANDELA TABULATION - (Cont.)**

96.0	0.854	0.854	0.844	0.854	0.813	0.802	0.688
96.5	0.885	0.875	0.875	0.885	0.854	0.833	0.708
97.0	0.906	0.906	0.917	0.906	0.885	0.865	0.729
97.5	0.938	0.938	0.948	0.938	0.906	0.896	0.750
98.0	0.958	0.969	0.979	0.958	0.938	0.917	0.771
98.5	0.990	1.010	1.010	0.990	0.958	0.948	0.792
99.0	1.021	1.042	1.031	1.010	0.990	0.969	0.813
99.5	1.052	1.073	1.063	1.042	1.010	1.000	0.833
100.0	1.094	1.094	1.083	1.073	1.042	1.031	0.854
100.5	1.115	1.125	1.115	1.094	1.073	1.063	0.875
101.0	1.146	1.146	1.146	1.125	1.104	1.094	0.896
101.5	1.177	1.177	1.177	1.167	1.135	1.125	0.917
102.0	1.208	1.208	1.208	1.198	1.177	1.167	0.938
102.5	1.240	1.240	1.240	1.229	1.208	1.198	0.958
103.0	1.271	1.271	1.271	1.271	1.250	1.240	0.979
103.5	1.302	1.302	1.302	1.302	1.281	1.281	1.000
104.0	1.333	1.333	1.344	1.344	1.323	1.313	1.021
104.5	1.375	1.375	1.375	1.385	1.354	1.354	1.052
105.0	1.406	1.406	1.406	1.417	1.396	1.385	1.073
105.5	1.438	1.438	1.448	1.448	1.427	1.427	1.094
106.0	1.479	1.469	1.479	1.479	1.458	1.458	1.115
106.5	1.510	1.510	1.510	1.510	1.490	1.479	1.135
107.0	1.542	1.531	1.542	1.542	1.510	1.500	1.156
107.5	1.573	1.563	1.573	1.563	1.531	1.521	1.177
108.0	1.604	1.594	1.594	1.583	1.542	1.531	1.198
108.5	1.625	1.615	1.615	1.604	1.563	1.542	1.219
109.0	1.656	1.635	1.635	1.625	1.583	1.563	1.240
109.5	1.667	1.656	1.656	1.635	1.594	1.583	1.271
110.0	1.688	1.677	1.677	1.656	1.615	1.615	1.292
110.5	1.708	1.698	1.698	1.677	1.635	1.635	1.313
111.0	1.729	1.729	1.719	1.698	1.656	1.656	1.344
111.5	1.760	1.750	1.740	1.708	1.677	1.677	1.375
112.0	1.781	1.771	1.750	1.729	1.698	1.698	1.396
112.5	1.802	1.792	1.771	1.750	1.719	1.719	1.417
113.0	1.823	1.813	1.792	1.771	1.740	1.740	1.448
113.5	1.844	1.833	1.813	1.781	1.760	1.760	1.469
114.0	1.865	1.854	1.823	1.802	1.781	1.792	1.510
114.5	1.875	1.875	1.844	1.823	1.802	1.813	1.542
115.0	1.896	1.885	1.865	1.844	1.823	1.833	1.573
115.5	1.917	1.906	1.875	1.865	1.844	1.865	1.604
116.0	1.938	1.927	1.896	1.885	1.865	1.885	1.625
116.5	1.958	1.948	1.906	1.917	1.896	1.917	1.656
117.0	1.979	1.969	1.927	1.938	1.917	1.938	1.688
117.5	1.990	1.979	1.948	1.958	1.948	1.969	1.719
118.0	2.010	2.000	1.958	1.990	1.969	1.990	1.750
118.5	2.031	2.021	1.979	2.010	1.990	2.021	1.781
119.0	2.052	2.031	2.000	2.031	2.021	2.052	1.813
119.5	2.063	2.052	2.021	2.063	2.052	2.094	1.844
120.0	2.083	2.073	2.052	2.083	2.083	2.125	1.875
120.5	2.104	2.094	2.083	2.115	2.115	2.146	1.896
121.0	2.115	2.115	2.115	2.135	2.146	2.177	1.938
121.5	2.135	2.135	2.146	2.156	2.177	2.208	1.969
122.0	2.156	2.156	2.167	2.177	2.198	2.229	2.000
122.5	2.177	2.177	2.198	2.188	2.219	2.260	2.031
123.0	2.208	2.198	2.219	2.208	2.250	2.292	2.063
123.5	2.229	2.219	2.229	2.229	2.281	2.323	2.094

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : GSL MD 5 UV CL 850.IES**

**CANDELA TABULATION - (Cont.)**

124.0	2.260	2.250	2.260	2.260	2.313	2.365	2.125
124.5	2.292	2.281	2.281	2.302	2.354	2.396	2.146
125.0	2.323	2.323	2.313	2.344	2.385	2.448	2.188
125.5	2.344	2.365	2.344	2.396	2.427	2.490	2.229
126.0	2.385	2.406	2.385	2.448	2.458	2.531	2.271
126.5	2.427	2.448	2.427	2.490	2.500	2.573	2.292
127.0	2.479	2.500	2.479	2.542	2.552	2.615	2.313
127.5	2.531	2.542	2.531	2.594	2.604	2.646	2.323
128.0	2.594	2.583	2.583	2.646	2.656	2.698	2.344
128.5	2.646	2.625	2.625	2.708	2.708	2.750	2.365
129.0	2.698	2.677	2.667	2.760	2.771	2.802	2.396
129.5	2.760	2.719	2.708	2.813	2.823	2.854	2.438
130.0	2.802	2.760	2.750	2.865	2.875	2.917	2.479
130.5	2.833	2.792	2.781	2.917	2.927	2.969	2.521
131.0	2.865	2.844	2.823	2.958	2.979	3.021	2.573
131.5	2.896	2.896	2.875	3.010	3.031	3.073	2.615
132.0	2.927	2.948	2.938	3.063	3.083	3.115	2.656
132.5	2.969	3.010	3.010	3.115	3.135	3.167	2.698
133.0	3.021	3.063	3.083	3.167	3.188	3.219	2.740
133.5	3.073	3.115	3.167	3.219	3.240	3.271	2.781
134.0	3.135	3.156	3.240	3.271	3.292	3.323	2.813
134.5	3.198	3.208	3.313	3.333	3.354	3.375	2.854
135.0	3.271	3.260	3.385	3.385	3.406	3.427	2.885
135.5	3.333	3.313	3.438	3.438	3.458	3.490	2.906
136.0	3.406	3.365	3.490	3.490	3.510	3.542	2.927
136.5	3.469	3.417	3.542	3.531	3.563	3.594	2.958
137.0	3.521	3.458	3.583	3.583	3.615	3.625	2.979
137.5	3.573	3.510	3.625	3.625	3.656	3.656	3.021
138.0	3.625	3.563	3.656	3.667	3.688	3.667	3.052
138.5	3.667	3.615	3.698	3.708	3.729	3.698	3.083
139.0	3.708	3.667	3.740	3.760	3.760	3.740	3.115
139.5	3.750	3.708	3.781	3.802	3.802	3.781	3.146
140.0	3.781	3.760	3.823	3.844	3.854	3.844	3.167
140.5	3.813	3.802	3.865	3.885	3.906	3.896	3.198
141.0	3.865	3.854	3.896	3.938	3.958	3.948	3.229
141.5	3.906	3.896	3.938	3.979	4.010	4.000	3.260
142.0	3.958	3.948	3.969	4.021	4.073	4.042	3.281
142.5	4.010	4.000	4.010	4.063	4.125	4.094	3.302
143.0	4.063	4.052	4.042	4.115	4.177	4.135	3.323
143.5	4.115	4.094	4.083	4.156	4.219	4.167	3.333
144.0	4.156	4.135	4.125	4.188	4.250	4.177	3.344
144.5	4.198	4.177	4.167	4.219	4.271	4.208	3.354
145.0	4.240	4.219	4.208	4.240	4.302	4.250	3.365
145.5	4.281	4.250	4.240	4.271	4.333	4.313	3.385
146.0	4.313	4.292	4.271	4.302	4.365	4.375	3.396
146.5	4.333	4.323	4.292	4.344	4.406	4.427	3.417
147.0	4.354	4.354	4.323	4.375	4.448	4.458	3.427
147.5	4.385	4.375	4.365	4.406	4.490	4.490	3.438
148.0	4.396	4.406	4.396	4.448	4.521	4.521	3.438
148.5	4.417	4.427	4.438	4.490	4.552	4.542	3.448
149.0	4.427	4.448	4.458	4.521	4.573	4.563	3.458
149.5	4.438	4.479	4.490	4.573	4.594	4.594	3.458
150.0	4.438	4.500	4.521	4.615	4.615	4.604	3.469
150.5	4.438	4.521	4.552	4.646	4.625	4.625	3.469
151.0	4.438	4.542	4.573	4.677	4.646	4.646	3.479
151.5	4.438	4.552	4.604	4.708	4.656	4.656	3.479

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : GSL MD 5 UV CL 850.IES**

**CANDELA TABULATION - (Cont.)**

152.0	4.438	4.563	4.625	4.729	4.667	4.667	3.479
152.5	4.448	4.563	4.635	4.750	4.677	4.667	3.479
153.0	4.458	4.573	4.646	4.760	4.688	4.667	3.479
153.5	4.469	4.573	4.646	4.771	4.688	4.656	3.490
154.0	4.479	4.563	4.646	4.771	4.677	4.646	3.510
154.5	4.490	4.563	4.646	4.781	4.667	4.646	3.521
155.0	4.500	4.552	4.656	4.792	4.656	4.656	3.542
155.5	4.510	4.542	4.656	4.802	4.656	4.667	3.563
156.0	4.510	4.531	4.667	4.813	4.667	4.688	3.583
156.5	4.510	4.531	4.667	4.813	4.677	4.698	3.604
157.0	4.510	4.531	4.667	4.813	4.698	4.708	3.635
157.5	4.510	4.531	4.688	4.813	4.729	4.729	3.667
158.0	4.510	4.542	4.698	4.823	4.750	4.750	3.698
158.5	4.510	4.542	4.708	4.823	4.771	4.781	3.729
159.0	4.500	4.552	4.729	4.823	4.792	4.802	3.771
159.5	4.490	4.552	4.729	4.823	4.802	4.823	3.802
160.0	4.479	4.552	4.719	4.813	4.802	4.844	3.833
160.5	4.479	4.552	4.708	4.802	4.802	4.844	3.854
161.0	4.479	4.542	4.698	4.792	4.802	4.844	3.865
161.5	4.469	4.542	4.677	4.771	4.792	4.823	3.865
162.0	4.448	4.531	4.656	4.760	4.781	4.813	3.885
162.5	4.427	4.521	4.635	4.740	4.771	4.802	3.917
163.0	4.417	4.510	4.604	4.708	4.760	4.802	3.938
163.5	4.417	4.500	4.583	4.688	4.740	4.802	3.958
164.0	4.406	4.490	4.563	4.667	4.729	4.802	3.979
164.5	4.406	4.479	4.552	4.646	4.719	4.802	4.010
165.0	4.406	4.469	4.542	4.635	4.708	4.792	4.042
165.5	4.417	4.458	4.542	4.615	4.698	4.792	4.083
166.0	4.427	4.438	4.542	4.604	4.688	4.792	4.125
166.5	4.427	4.417	4.542	4.594	4.677	4.781	4.156
167.0	4.438	4.396	4.531	4.583	4.667	4.781	4.198
167.5	4.427	4.375	4.531	4.563	4.646	4.781	4.229
168.0	4.427	4.344	4.521	4.552	4.635	4.771	4.271
168.5	4.427	4.323	4.510	4.542	4.625	4.771	4.313
169.0	4.427	4.302	4.490	4.521	4.604	4.760	4.344
169.5	4.427	4.281	4.479	4.510	4.594	4.760	4.365
170.0	4.427	4.260	4.469	4.500	4.573	4.750	4.385
170.5	4.427	4.240	4.448	4.490	4.563	4.750	4.406
171.0	4.427	4.219	4.438	4.479	4.542	4.740	4.427
171.5	4.427	4.198	4.417	4.469	4.521	4.740	4.458
172.0	4.427	4.188	4.396	4.469	4.500	4.729	4.500
172.5	4.427	4.167	4.375	4.458	4.479	4.719	4.531
173.0	4.427	4.156	4.344	4.458	4.458	4.708	4.573
173.5	4.427	4.146	4.313	4.458	4.438	4.688	4.615
174.0	4.427	4.135	4.281	4.458	4.406	4.667	4.667
174.5	4.427	4.135	4.240	4.458	4.375	4.646	4.698
175.0	4.427	4.135	4.198	4.469	4.344	4.625	4.708
175.5	4.427	4.146	4.135	4.479	4.302	4.594	4.719
176.0	4.427	4.167	4.073	4.500	4.271	4.563	4.719
176.5	4.427	4.198	4.000	4.510	4.240	4.521	4.708
177.0	4.417	4.250	3.917	4.490	4.250	4.448	4.688
177.5	4.417	4.313	3.854	4.396	4.313	4.344	4.635
178.0	4.417	4.396	3.896	4.188	4.427	4.219	4.542
178.5	4.427	4.427	4.083	3.875	4.458	4.260	4.302
179.0	4.573	4.417	4.406	3.969	3.865	4.396	4.344
179.5	4.938	4.656	4.427	4.417	4.427	4.260	3.969

CANDELA TABULATION - (Cont.)

180.0	4.750	4.750	4.750	4.750	4.750	4.750	4.750
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**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : GSL MD 5 UV CL 850.IES**

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	2189.2	N.A.	12.20
0-30	4691.61	N.A.	26.20
0-40	7776.45	N.A.	43.40
0-60	14124.78	N.A.	78.90
0-80	17717.43	N.A.	99.00
0-90	17890.5	N.A.	99.90
10-90	17327.25	N.A.	96.80
20-40	5587.25	N.A.	31.20
20-50	8875.44	N.A.	49.60
40-70	8722.63	N.A.	48.70
60-80	3592.64	N.A.	20.10
70-80	1218.35	N.A.	6.80
80-90	173.08	N.A.	1.00
90-110	2.12	N.A.	0.00
90-120	3.83	N.A.	0.00
90-130	5.85	N.A.	0.00
90-150	10.53	N.A.	0.10
90-180	13.96	N.A.	0.10
110-180	11.84	N.A.	0.10
0-180	17904.47	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	563.25
10-20	1625.94
20-30	2502.42
30-40	3084.83
40-50	3288.19
50-60	3060.15
60-70	2374.29
70-80	1218.35
80-90	173.08
90-100	0.80
100-110	1.32
110-120	1.71
120-130	2.02
130-140	2.35
140-150	2.33
150-160	1.83
160-170	1.18
170-180	0.42

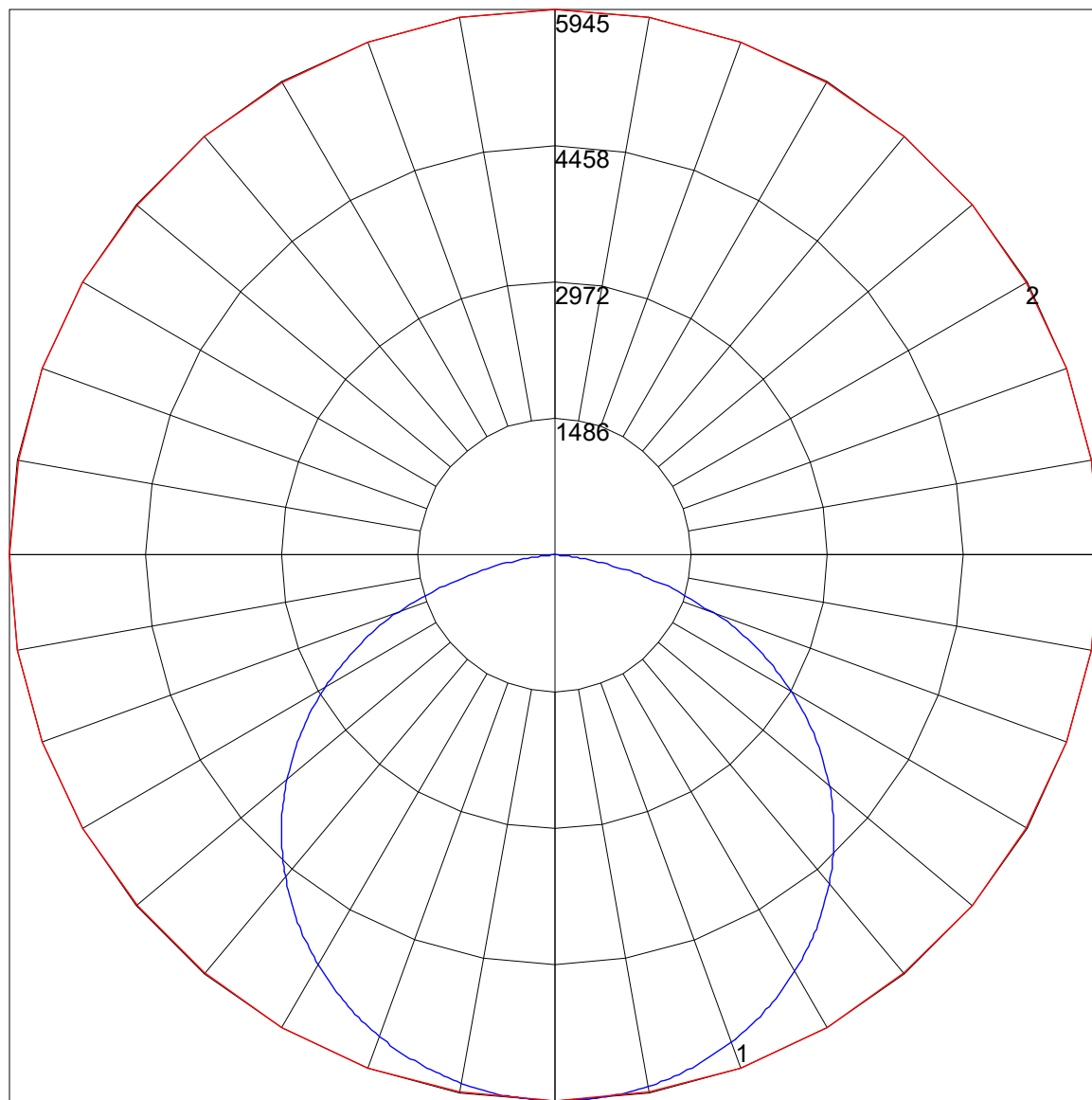
**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : GSL MD 5 UV CL 850.IES**

**COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD**

Effective Floor Cavity Reflectance 0.20

RC	80				70				50			30			10			0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	109	104	100	96	106	102	98	95	98	94	92	94	91	89	90	88	86	84
2	99	91	84	78	96	89	82	77	85	80	75	82	77	74	79	75	72	70
3	90	79	71	65	87	78	70	64	75	68	63	72	66	62	69	65	61	58
4	82	70	61	54	80	69	60	54	66	59	53	64	58	52	62	56	52	50
5	75	62	53	47	73	61	53	46	59	52	46	57	50	45	55	49	45	43
6	70	56	47	40	68	55	47	40	53	46	40	52	45	40	50	44	39	37
7	64	51	42	36	63	50	41	35	48	41	35	47	40	35	45	39	35	33
8	60	46	38	32	58	45	37	32	44	37	31	43	36	31	42	36	31	29
9	56	42	34	28	54	42	34	28	41	33	28	39	33	28	38	32	28	26
10	52	39	31	26	51	38	31	26	37	30	25	37	30	25	36	30	25	23

POLAR GRAPH



Maximum Candela = 5944.606 Located At Horizontal Angle = 90, Vertical Angle = 1  
# 1 - Vertical Plane Through Horizontal Angles (90 - 270) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (1) (Through Max. Cd.)